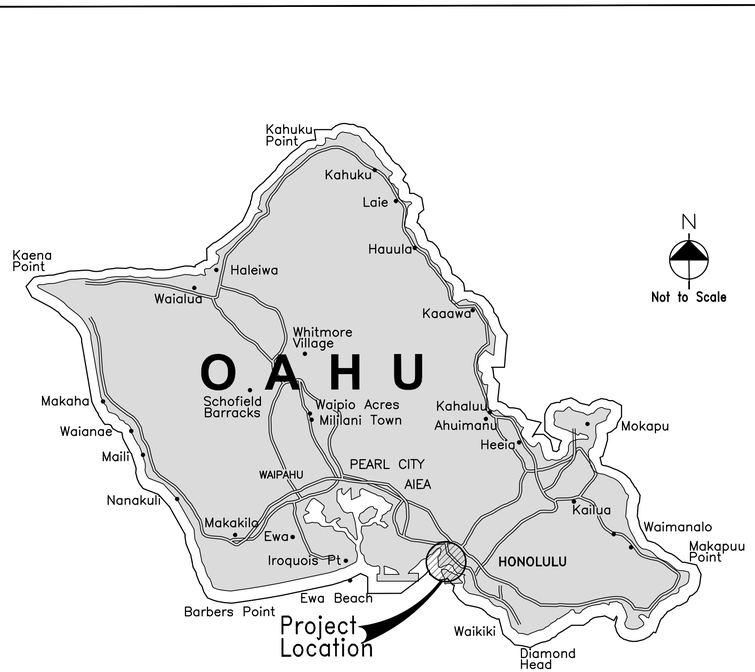
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

FOR THE

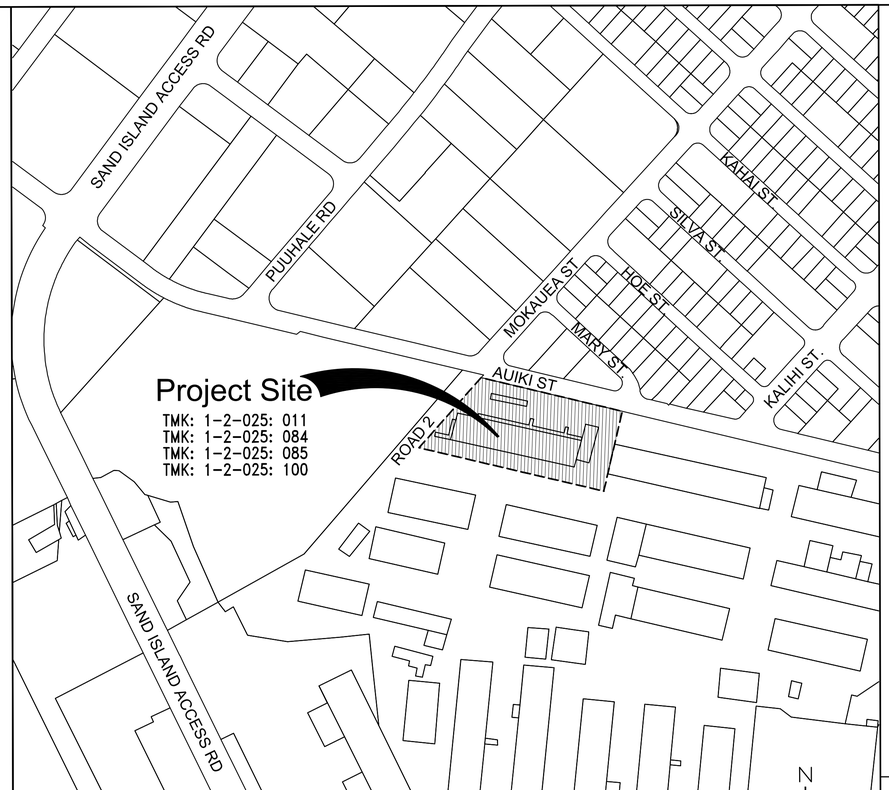
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

P10981



LOCATION MAP

NOT TO SCALE



VICINITY MAP

NOT TO SCALE

CONSULTANT:

CIVIL

WILSON OKAMOTO CORPORATION
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HONOLULU, HI 96826

TEL: 808.946.2277
FAX: 808.946.2253

ARCHITECT

RMA ARCHITECTS INC.
1150 S. KING ST., FLOOR 8
HONOLULU, HI, 96814

TEL: 808.591.1818

STRUCTURAL

MOFFATT & NICHOL
737 BISHOP ST., SUITE 2450,
HONOLULU, HI, 96813

TEL: 808.533.7000

ELECTRICAL

ECS COFFMAN INC. INTERNATIONAL
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HONOLULU, HI, 96814

TEL: 808.591.8181

GEOTECHNICAL

GEOLABS, INC
94-429 KOAKI ST. SUITE 200
WAIPAHU, HI, 96797

TEL: 808.841.5064

MECHANICAL AND FIRE PROTECTION

THERMAL ENGINEERING
512 KALIHI ST.
HONOLULU, HI, 96819

TEL: 808.848.6966

ENVIRONMENTAL

MNA ENVIRONMENTAL
98-025 HAKAHA ST. 215A,
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DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

APPROVED BY: _____ 10/07/2026
FOR DIRECTOR OF TRANSPORTATION — DATE

SHEET
T-001
1 OF 273 SHTS.

DRAWING INDEX

NO.	SHEET	DESCRIPTION
1	T-001	TITLE SHEET, LOCATION MAP AND VICINITY MAP
2	T-002	DRAWING INDEX – 1
3	T-003	DRAWING INDEX – 2
4	T-004	NOTES – 1
5	T-005	NOTES – 2
6	T-006	NOTES – 3
7	T-007	EROSION SEDIMENT CONTROL PLAN NOTES
8	T-008	ZONING INFORMATION
9	G-001	BUILDING CODE COMPLIANCE AND SUMMARY
10	G-002	BUILDING CODE COMPLIANCE AND SUMMARY
11	G-003	LIFE SAFETY SITE PLAN
12	G-004	ADMIN BUILDING LIFE SAFETY PLAN
13	G-005	MAINTENANCE SHOP EWA WING LIFE SAFETY PLAN
14	G-006	MAINTENANCE SHOP DIAMOND HEAD WING LIFE SAFETY PLAN
15	G-007	PARKING CANOPY LIFE SAFETY PLAN
16	G-008	MATERIAL STORAGE LIFE SAFETY PLAN
17	C-001	EXISTING CONDITION PLAN – 1
18	C-002	EXISTING CONDITION PLAN – 2
19	C-003	BORING LOGS – 1
20	C-004	BORING LOGS – 2
21	C-005	DEMOLITION PLAN – 1
22	C-006	DEMOLITION PLAN – 2
23	C-007	EROSION AND SEDIMENT CONTROL PLAN – 1
24	C-008	EROSION AND SEDIMENT CONTROL PLAN – 2
25	C-009	EROSION AND SEDIMENT CONTROL PLAN DETAILS
26	C-100	GENERAL SITE PLAN
27	C-101	SITE LAYOUT PLAN – 1
28	C-102	SITE LAYOUT PLAN – 2
29	C-201	SITE GRADING PLAN – 1
30	C-202	SITE GRADING PLAN – 2
31	C-301	SITE UTILITY PLAN – 1
32	C-302	SITE UTILITY PLAN – 2
33	C-401	POST CONSTRUCTION BMP PLAN
34	C-402	POST CONSTRUCTION BMP DETAILS – 1
35	C-403	POST CONSTRUCTION BMP DETAILS – 2
36	C-501	MISCELLANEOUS DETAILS – 1
37	C-502	MISCELLANEOUS DETAILS – 2
38	C-503	MISCELLANEOUS DETAILS – 3
39	C-601	DRAIN DETAILS – 1
40	C-602	DRAIN DETAILS – 2
41	C-701	SEWER DETAILS – 1
42	C-702	SEWER DETAILS – 2
43	C-801	WATER DETAILS
44	C-901	ADA STALL, CURB RAMP AND DRIVEWAY DETAILS
45	C-1001	DRAIN PROFILE – 1
46	C-1002	DRAIN PROFILE – 2
47	C-1101	SEWER PROFILE
48	C-1201	WATER PROFILE
49	C-1301	SITE SECTION – 1
50	C-1302	SITE SECTION – 2
51	C-1303	SITE SECTION – 3
52	C-1401	SIGNING AND STRIPING PLAN – 1
53	C-1402	SIGNING AND STRIPING PLAN – 2
54	C-1403	SIGNING AND STRIPING DETAILS – 1
55	C-1404	SIGNING AND STRIPING DETAILS – 2
56	C-1500	GENERAL TRAFFIC CONTROL PLAN
57	C-1501	TRAFFIC CONTROL PLAN – 1
58	C-1502	TRAFFIC CONTROL PLAN – 2
59	C-1503	TRAFFIC CONTROL PLAN – 3
60	C-1504	TRAFFIC CONTROL PLAN – 4
61	C-1505	TRAFFIC CONTROL PLAN – 5
62	C-1506	TRAFFIC CONTROL PLAN – 6
63	C-1507	TRAFFIC CONTROL PLAN – 7
64	S-001	STRUCTURAL GENERAL NOTES – 1
65	S-002	STRUCTURAL GENERAL NOTES – 2
66	S-003	STRUCTURAL GENERAL NOTES – 3
67	S-004	STRUCTURAL GENERAL NOTES – 4
68	S-101	SITE PLAN
69	S-111	FOUNDATION PLAN – ADMINISTRATION
70	S-112	ROOF FRAMING PLAN – ADMINISTRATION
71	S-121	FOUNDATION PLAN – MAINTENANCE SHOP
72	S-122	MEZZANINE FRAMING PLAN – MAINTENANCE SHOP
73	S-123	ROOF FRAMING PLAN – MAINTENANCE SHOP
74	S-131	FOUNDATION PLAN – PARKING CANOPY
75	S-132	ROOF FRAMING PLAN – PARKING CANOPY
76	S-141	FOUNDATION AND ROOF FRAMING PLANS – MATERIALS STORAGE CANOPY
77	S-151	FOUNDATION AND ROOF FRAMING PLANS – OUTDOOR WELDING CANOPY
78	S-161	FOUNDATION AND ROOF FRAMING PLANS – AST/WASH RACK CANOPY
79	S-501	TYPICAL DETAILS – 1
80	S-502	TYPICAL DETAILS – 2
81	S-503	TYPICAL DETAILS – 3
82	S-511	SECTIONS & DETAILS – 1
83	S-512	SECTIONS & DETAILS – 2
84	A-001	ABBREVIATIONS, ARCH REFERENCE SYMBOLS, IECC CODE BLOCK
85	A-002	GENERAL NOTES
86	A-003	ADA FIXTURE AND TYPICAL MOUNTING HEIGHTS
87	A-004	ARCHITECTURAL WALL TYPE LEGEND
88	A-101	SITE PLAN
89	A-111	FLOOR PLAN – ADMINISTRATION
90	A-112	REFLECTED CEILING PLAN – ADMINISTRATION
91	A-113	ROOF PLAN – ADMINISTRATION
92	A-121	FLOOR PLANS – MAINTENANCE SHOP (EWA WING)
93	A-122	FLOOR PLANS – MAINTENANCE SHOP (DIAMOND HEAD WING)
94	A-123	MEZZANINE PLAN – MAINTENANCE SHOP (EWA WING)
95	A-124	MEZZANINE PLAN – MAINTENANCE SHOP (DIAMOND HEAD WING)
96	A-125	REFLECTED CEILING PLAN – MAINTENANCE SHOP (EWA WING)
97	A-126	REFLECTED CEILING PLAN – MAINTENANCE SHOP (DIAMOND HEAD WING)
98	A-127	ROOF PLAN – MAINTENANCE SHOP (EWA WING)
99	A-128	ROOF PLAN – MAINTENANCE SHOP (DIAMOND HEAD WING)
100	A-131	FLOOR PLAN – PARKING CANOPY
101	A-132	REFLECTED CEILING PLAN – PARKING CANOPY
102	A-133	ROOF PLAN – PARKING CANOPY
103	A-141	FLOOR PLAN, ROOF PLAN, REFLECTED CEILING PLAN – MATERIALS STORAGE CANOPY
104	A-151	FLOOR PLAN, ROOF PLAN, REFLECTED CEILING PLAN – AST/WASH RACK CANOPY
105	A-211	EXTERIOR ELEVATIONS – ADMINISTRATION
106	A-221	EXTERIOR ELEVATIONS – MAINTENANCE SHOP – NORTH
107	A-222	EXTERIOR ELEVATIONS – MAINTENANCE SHOP – SOUTH
108	A-231	EXTERIOR ELEVATIONS, SECTIONS – PARKING CANOPY
109	A-241	EXTERIOR ELEVATIONS, SECTIONS – AST/WASH RACK CANOPY & MATERIALS STORAGE CANOPY
110	A-311	SECTIONS – ADMINISTRATION
111	A-321	SECTIONS – MAINTENANCE SHOP
112	A-351	WALL SECTIONS
113	A-352	WALL SECTIONS
114	A-401	ENLARGED RESTROOM FLOOR PLAN
115	A-402	ENLARGED VEHICLE PIT FLOOR PLAN & DETAILS
116	A-403	ENLARGED TRASH ENCLOSURE FLOOR PLAN, ELEVATION, SECTION
117	A-411	INTERIOR ELEVATIONS
118	A-412	INTERIOR ELEVATIONS
119	A-413	INTERIOR ELEVATIONS
120	A-414	INTERIOR ELEVATIONS
121	A-415	INTERIOR ELEVATIONS
122	A-416	INTERIOR ELEVATIONS
123	A-501	DETAILS – EXTERIOR WALL
124	A-502	DETAILS – EXTERIOR WALL
125	A-503	DETAILS – EXTERIOR WALL
126	A-504	DETAILS – COLUMNS
127	A-505	DETAILS – STANDING SEAM METAL ROOF
128	A-506	DETAILS – ROOF, GUTTER & DOWNSPOUT
129	A-507	DETAILS – EXPOSED FASTENING WALL TYPES
130	A-511	DETAILS – INTERIOR PARTITION WALL TYPES
131	A-512	DETAILS – INTERIOR PARTITION WALL TYPES
132	A-513	DETAILS – TILE FLOORING & WALL
133	A-514	DETAILS – CEILINGS & MISCELLANEOUS
134	A-521	DETAILS – FIRE STOPPING – CMU ASSEMBLIES
135	A-522	DETAILS – FIRE STOPPING – CMU ASSEMBLIES
136	A-523	DETAILS – FIRE STOPPING – GYP BD ASSEMBLIES
137	A-534	DETAILS – MILLWORK
138	A-535	DETAILS – CHAIN LINK FENCE
139	A-536	DETAILS – STAIRS & RAILING
140	A-601	COLOR AND MATERIAL SELECTIONS
141	A-602	ROOM FINISH SCHEDULE
142	A-611	DOOR SCHEDULE AND TYPES
143	A-612	DETAILS – DOOR
144	A-613	DETAILS – DOOR
145	A-614	DETAILS – DOOR
146	A-621	WINDOW AND LOUVER SCHEDULE AND TYPES
147	A-622	DETAILS – WINDOW AND LOUVER
148	A-631	SIGNAGE SCHEDULE & PLAN – ADMINISTRATION
149	A-632	SIGNAGE SCHEDULE & PLAN – MAINTENANCE SHOP
150	A-633	DETAILS – SIGNAGE
151	I-001	FF&E LEGEND AND NOTES
152	I-101	FIRST FLOOR FF&E PLAN – ADMINISTRATION
153	I-111	FIRST FLOOR FF&E PLAN – MAINTENANCE SHOP (EWA WING)
154	I-112	FIRST FLOOR FF&E PLAN – MAINTENANCE SHOP (DIAMOND HEAD WING)
155	I-113	MEZZANINE FF&E PLAN – MAINTENANCE SHOP (EWA WING)
156	I-114	MEZZANINE FF&E PLAN – MAINTENANCE SHOP (DIAMOND HEAD WING)
157	I-121	INTERIOR FINISH PLAN – ADMINISTRATION
158	I-122	INTERIOR FINISH PLAN – MAINTENANCE SHOP (EWA WING)
159	I-123	INTERIOR FINISH PLAN – MAINTENANCE SHOP (DIAMOND HEAD WING)
160	F-001	FIRE SUPPRESSION NOTES
161	F-002	FIRE SUPPRESSION LEGENDS AND ABBREVIATIONS
162	F-003	FIRE PROTECTION SITE PLAN
163	F-401	MAINTENANCE SHOP EWA WING FIRE SUPPRESSION PLAN
164	F-402	MAINTENANCE SHOP DIAMOND HEAD WING FIRE SUPPRESSION PLAN
165	F-403	PARKING CANOPY FIRE SUPPRESSION PLAN
166	F-404	MAINTENANCE SHOP EWA WING FIRE SUPPRESSION DESIGN CRITERIA PLAN
167	F-405	MAINTENANCE SHOP DIAMOND HEAD WING FIRE SUPPRESSION DESIGN CRITERIA PLAN
168	F-406	PARKING CANOPY FIRE SUPPRESSION DESIGN CRITERIA PLAN
169	F-501	DETAILS
170	F-502	DETAILS
171	F-503	DETAILS
172	F-504	DETAILS
173	F-505	DETAILS
174	P-001	PLUMBING LEGEND AND ABBREVIATIONS
175	P-002	PLUMBING NOTES AND BOARD OF WATER FLOW REQUIREMENTS
176	P-003	PLUMBING SITE PLAN
177	P-401	ADMIN BUILDING PARTIAL PLUMBING PLAN
178	P-402	ADMIN BUILDING PARTIAL PLUMBING PLAN
179	P-403	MAINTENANCE SHOP EWA WING PLUMBING PLAN
180	P-404	MAINTENANCE SHOP DIAMOND HEAD WING PLUMBING PLAN
181	P-405	FUEL TANK AND WASH RACK PLUMBING PLAN
182	P-406	PLUMBING PLAN
183	P-501	PLUMBING DETAILS
184	P-502	PLUMBING DETAILS
185	P-503	PLUMBING DETAILS
186	P-504	PLUMBING DETAILS
187	P-505	PLUMBING DETAILS
188	P-506	PLUMBING DETAILS
189	P-601	HOT WATER SYSTEM SCHEMATIC DIAGRAM AND SEQUENCE OF OPERATION
190	P-602	EQUIPMENT SCHEDULES
191	P-901	SANITARY PIPING DIAGRAM
192	P-902	SANITARY PIPING DIAGRAM
193	P-903	WATER PIPING DIAGRAM
194	P-904	WATER PIPING DIAGRAM
195	P-905	WATER PIPING DIAGRAM
196	P-906	STORM DRAIN PIPING DIAGRAM
197	P-907	COMPRESSED AIR PIPING DIAGRAM
198	M-001	MECHANICAL LEGEND AND ABBREVIATIONS AND NOTES
199	M-002	MECHANICAL KEY PLAN
200	M-401	ADMIN BUILDING PARTIAL MECHANICAL PLAN
201	M-402	ADMIN BUILDING PARTIAL MECHANICAL PLAN
202	M-403	MAINTENANCE SHOP EWA WING MECHANICAL PLAN
203	M-404	MAINTENANCE SHOP DIAMOND HEAD WING MECHANICAL PLAN
204	M-501	MECHANICAL DETAILS
205	M-502	MECHANICAL DETAILS
206	M-503	MECHANICAL DETAILS
207	M-601	AIRSIDE SCHEMATIC DIAGRAM AND SEQUENCE OF OPERATION
208	M-602	CONTROL SCHEMATIC DIAGRAM
209	M-603	EQUIPMENT SCHEDULES
210	M-604	EQUIPMENT SCHEDULES
211	M-901	REFRIGERANT PIPING DIAGRAM
212	M-902	REFRIGERANT PIPING DIAGRAM
213	E-001	ELECTRICAL SYMBOL LIST
214	E-002	ELECTRICAL SYMBOL LIST, NOTES
215	E-003	HAWAIIAN ELECTRIC NOTES
216	E-004	HAWAIIAN ELECTRIC NOTES
217	E-005	HAWAIIAN TELCOM NOTES
218	E-006	SPECTRUM NOTES
219	E-007	FIRE ALARM NOTES
220	E-101	ELECTRICAL SITE PLAN – 1
221	E-102	ELECTRICAL SITE PLAN – 2

REVISION	DATE	DESCRIPTION	BY	APPROVED

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EXP 4-30-28

WILSON OKAMOTO CORPORATION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
DRAWING INDEX - 1

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DRAWN BY:	RS
CHECKED BY:	BL
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SCALE:	AS SHOWN

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P10981

SHEET
T-002
2 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

DRAWING INDEX

NO.	SHEET	DESCRIPTION
222	E-103	HECO TRANSFORMER PAD DETAILS
223	E-104	DUCT DETAILS
224	E-105	AST AND WASH RACK CANOPY ELECTRICAL PLAN
225	E-106	AST AND WASH RACK CANOPY EQUIPMENT ELEVATION PLAN
226	E-201	ADMINISTRATION BUILDING – OVERALL POWER PLAN
227	E-202	ADMINISTRATION BUILDING – POWER AND OUTLETS PLAN – 1
228	E-203	ADMINISTRATION BUILDING – POWER AND OUTLETS PLAN – 2
229	E-204	MAINTENANCE SHOP – POWER AND OUTLETS PLAN – 1
230	E-205	MAINTENANCE SHOP – POWER AND OUTLETS PLAN – 2
231	E-206	MAINTENANCE SHOP MEZZANINE – POWER AND TELECOMMUNICATIONS PLANS
232	E-207	ADMINISTRATION BUILDING – MECHANICAL EQUIPMENT POWER PLAN – 1
233	E-208	ADMINISTRATION BUILDING – MECHANICAL EQUIPMENT POWER PLAN – 2
234	E-209	MAINTENANCE SHOP – MECHANICAL EQUIPMENT POWER PLAN – 1
235	E-210	MAINTENANCE SHOP – MECHANICAL EQUIPMENT POWER PLAN – 2
236	E-301	ADMINISTRATION BUILDING – TELECOMMUNICATIONS PLAN – 1
237	E-302	ADMINISTRATION BUILDING – TELECOMMUNICATIONS PLAN – 2
238	E-303	MAINTENANCE SHOP – TELECOMMUNICATIONS PLAN – 1
239	E-304	MAINTENANCE SHOP – TELECOMMUNICATIONS PLAN – 2
240	E-305	ADMINISTRATION BUILDING – FIRE ALARM PLAN – 1
241	E-306	ADMINISTRATION BUILDING – FIRE ALARM PLAN – 2
242	E-307	MAINTENANCE SHOP – FIRE ALARM PLAN – 1
243	E-308	MAINTENANCE SHOP – FIRE ALARM PLAN – 2
244	E-309	MAINTENANCE SHOP MEZZANINE – FIRE ALARM PLAN
245	E-401	ADMINISTRATION BUILDING – LIGHTING PLAN – 1
246	E-402	ADMINISTRATION BUILDING – LIGHTING PLAN – 2
247	E-403	MAINTENANCE SHOP – LIGHTING PLAN – 1
248	E-404	MAINTENANCE SHOP – LIGHTING PLAN – 2
249	E-405	MAINTENACE SHOP MEZZANINE – LIGHTING PLAN
250	E-501	PARKING CANOPY – ELECTRICAL PLAN
251	E-502	PARKING CANOPY – LIGHTING PLAN
252	E-503	PARKING CANOPY – ROOF PV PLAN
253	E-504	MATERIALS STORAGE CANOPY – ELECTRICAL PLANS
254	E-601	ONE-LINE DIAGRAM
255	E-602	PV/BESS GROUNDING RISE DIAGRAM AND THREE-LINE DIAGRAM
256	E-603	TELECOMMUNICATIONS DIAGRAM
257	E-604	FIRE ALARM DIAGRAM
258	E-605	LIGHTING CONTROL DIAGRAMS
259	E-606	LIGHTING CONTROL DIAGRAMS
260	E-607	LIGHTING CONTROL DIAGRAMS
261	E-701	ELECTRICAL DETAILS
262	E-702	TELECOMMUNICATION DETAILS – 1
263	E-703	TELECOMMUNICATION DETAILS – 2
264	E-704	TELECOMMUNICATION DETAILS – 3
265	E-705	MISCELLANEOUS ELECTRICAL DETAILS
266	E-801	PANEL SCHEDULES
267	E-802	PANEL SCHEDULES
268	E-803	LUMINAIRE SCHEDULE
269	E-901	PV DEAILS
270	E-902	PV DEAILS
271	E-903	PV CALCULATIONS
272	E-904	PV CUT SHEETS
273	E-905	PV CUT SHEETS

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EXP 4-30-28

WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
DRAWING INDEX - 2

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
T-003
3 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

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 IN 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 NON-CITY PROJECTS, THE CONTRACTOR MAY SUBMIT A SUBSTITUTION REQUEST TO PRECAST ANY CITY OWNED AND/OR MAINTAINED DRAINAGE STRUCTURE (EX., CATCH BASINS, DRAIN MANHOLES, DRAIN INLETS, CULVERTS, ETC). HOWEVER, PRIOR TO CONSTRUCTION AND INSTALLATION OF ANY PRECAST STRUCTURE, THE CONTRACTOR SHALL A) SUBMIT SIX (6) SETS OF SHOP DRAWINGS TO THE CIVIL ENGINEERING BRANCH, DEPARTMENT OF PLANNING AND PERMITTING AND OBTAIN WRITTEN APPROVAL AND B) NOTIFY THE CIVIL ENGINEERING BRANCH, DEPARTMENT OF PLANNING AND PERMITTING AT (808) 768-8084 TO ARRANGE FOR INSPECTIONAL SERVICES. NON-COMPLIANCE WITH ANY OF THESE REQUIREMENTS SHALL MEAN IMMEDIATE SUSPENSION OF ALL PRECAST CONSTRUCTION WORK AND REJECTION OF ALL PRECAST STRUCTURES ALREADY CONSTRUCTED. 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).

CONSTRUCTION NOTES CONT'D

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 (808) 831-6793 FOR AN ASSESSMENT OF STATE HIGHWAYS PERMIT REQUIREMENTS.

9. FOR BENCH MARK, SEE SHEET C-001.

10. THE CONTRACTOR SHALL COMPLY WITH THE CLEAN WATER ACT AND THE STATE HARBORS STORMWATER MANAGEMENT PROGRAM. NO POLLUTANTS ARE ALLOWED TO BE DISCHARGED DIRECTLY OR INDIRECTLY INTO ADJACENT HARBOR WATER, THROUGH THE HARBORS SMALL MS4 OR OTHER POTENTIAL PATHWAYS.

11. IN CASE OF SPILL, LEAK, OR OTHER RELEASE CONTAINING A HAZARDOUS SUBSTANCE OR OIL, THE CONTRACTOR SHALL NOTIFY APPROPRIATE FACILITY PERSONNEL, EMERGENCY RESPONSE AGENCIES, AND REGULATORY AGENCIES FOLLOWING NOTIFICATION PROCEDURES, AND SHALL NOTIFY HARBORS CONSTRUCTION PROJECT ENGINEER IMMEDIATELY (I.E., WITHIN 24-HOURS). SUCH CONTACT INFORMATION MUST BE POSTED AT LOCATIONS THAT ARE READILY ACCESSIBLE AND VISIBLE.

12. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHENEVER CONSTRUCTION CROSSES OR IN CLOSE PROXIMITY OF UNDERGROUND LINES (INCLUDING BUT NOT LIMITED TO ELECTRIC UNDERGROUND LINES, FULE OIL PIPELINE, ETC.) FOR VERIFICATION OF UNDERGROUND LINES, THE CONTRACTOR SHALL CALL THE HAWAII ONE-CALL-CENTER AT 811 OR 866-423-7287 MINIMUM OF FIVE (5) WORKING DAYS IN ADVANCE.

13. THE CONTRACTOR SHALL SUBMIT/UPDATE A STORMWATER POLLUTION PREVENTION PLAN TO HARBORS CONSTRUCTION PROJECT ENGINEER PRIOR TO THE START OF ANY CONSTRUCTION WORK. THIS PLAN SHALL COMPLY WITH HAR 11-55 APPENDIX C AND ARTICLE XIV – TEMPORARY WATER POLLUTION, DUST, AND EROSION CONTROL IN THE SPECIFICATIONS.

14. THIS PROJECT IS SUBJECT TO STATE OF HAWAII HARBORS CONSTRUCTION SITE RUNOFF CONTROL BEST MANAGEMENT PRACTICE (BMP) INSPECTION PROGRAM. PLEASE OBTAIN PRIOR CONSENT FOR THE INSTALLATION OF APPLICABLE BMPs AND INFORM HARBORS ENGINEERING BRANCH ENVIRONMENTAL SECTION AT LEAST THREE (3) WORKING DAYS IN ADVANCE, WHEN THE SITE IS READY FOR THE INITIAL BMP INSPECTION, TO ENSURE THAT ALL NECESSARY AND PROPER STORMWATER POLLUTION PREVENTION MEASURES BE IN PLACE, WHICH WILL BE FOLLOWED BY RECURRING BMP INSPECTION (ONCE EVERY TWO WEEKS FROM OCTOBER THROUGH MARCH AND ONCE EVERY TWO MONTHS OTHERWISE) AND FINAL BMP INSPECTION, UPON COMPLETION OF THIS PROJECT.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REGULATORY FINES OR PENALTIES THAT MAY BE IMPOSED BY ENVIRONMENTAL REGULATORY AGENCIES (USEPA AND/OR STATE DOH) IN EVENT OF VIOLATIONS.

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, AND SOILS REPORT BY GEOLABS, INC. DATED NOVEMBER 8, 2024. 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.

GRADING NOTES CONT'D

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, D.P.P., 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.

    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.

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.

17. FOR NON-CITY PROJECTS, THE CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEERING BRANCH, D.P.P. AT (808) 768-8084 TO ARRANGE FOR INSPECTIONAL SERVICES AND SUBMIT TWO (2) SETS OF APPROVED CONSTRUCTION PLANS SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION WORK.

18. 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.

GRADING NOTES CONT'D

19. FOR ALL PROJECTS, WHICH WILL 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.

20. 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.

21 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.

22. FOR BENCH MARK, SEE SHEET C-001.

HISTORICAL PRESERVATION NOTES

1. ARCHAEOLOGICAL MONITORING IS REQUIRED DURING ALL PROJECT-RELATED GROUND DISTURBING WORK. IF POSSIBLE HISTORIC PROPERTIES OR HUMAN SKELETAL REMAINS ARE IDENTIFIED DURING THE PROJECT, THE ARCHAEOLOGICAL MONITOR WILL HALT CONSTRUCTION IN THE IMMEDIATE AREA OF THE HISTORIC PROPERTY AND NO ITEM SHALL BE MOVED FROM THE GROUND AT THE DISCOVERY LOCATION WITHOUT SHPD'S APPROVAL. WORK WILL NOT RESUME IN THE AREA UNTIL THE PROCEDURE OUTLINED IN HAR (13-280) IS COMPLETED FOR HISTORIC PROPERTIES OTHER THAN BURIAL SITES AND THE PROCEDURE OUTLINED IN HAR (13-300-40) FOR HUMAN SKELETAL REMAINS

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
NOTES - 1

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
T-004
4 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

WATER NOTES

1. UNLESS OTHERWISE SPECIFIED, ALL MATERIALS AND CONSTRUCTION OF WATER SYSTEM FACILITIES AND APPURTENANCES SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", DATED 1994, AS AMENDED, OF THE HAWAII HIGHWAYS DIVISION, DEPARTMENT OF TRANSPORTATION, AND THE CITY AND COUNTY OF HONOLULU BOARD OF WATER SUPPLY'S "WATER SYSTEM STANDARDS", DATED 2002, THE "WATER SYSTEM EXTERNAL CORROSION CONTROL STANDARDS", VOLUME 3, DATED 2021, AND ALL SUBSEQUENT AMENDMENTS AND ADDITIONS.
2. NUTS AND BOLTS FOR FLANGE CONNECTIONS WITHIN METER BOXES SHALL BE BRONZE OR STAINLESS STEEL EXCEPT COUPLING ADAPTERS WHERE "COR-TEN" (U.S. STEEL) OR "MAYARI" (BETHLEHEM STEEL) MAY BE USED. FLANGED CONNECTIONS OUTSIDE OF METER BOX MAY USE "COR-TEN" OR "MAYARI" TYPE NUTS AND BOLTS.
3. ALL WATER MAINS AND APPURTENANCES SHALL BE SUBJECT TO HYDROSTATIC TEST PRESSURE OF 150 PSI BY THE CONTRACTOR IN ACCORDANCE WITH DIVISION 300 – CONSTRUCTION, SECTION 302.28, PIPE PRESSURE TEST OF THE "WATER SYSTEM STANDARDS", DATED 2002. DURING THE 30-MINUTE PRESSURE TEST, THE PRESSURE SHALL NOT DROP MORE THAN 10 PSI.
4. THE CONTRACTOR SHALL CHLORINATE THE ENTIRE INSIDE SURFACE OF EACH PIPE AND FITTING WITH DISINFECTION SOLUTION OF 5 OUNCES OF SODIUM HYPOCHLORITE MIXED WITH 10 GALLONS OF WATER (FOR CONNECTION ONLY).
5. THE PROJECT SHALL PAY THE APPLICABLE WATER FACILITIES AND/OR ONE- TIME SERVICE CHARGE AND FOR THE METER WHICH WILL BE FURNISHED BY BOARD OF WATER SUPPLY AND INSTALLED BY THE CONTRACTOR WHEN THE LATERAL IS INSTALLED.
6. THE CONTRACTOR SHALL NOTIFY BOARD OF WATER SUPPLY CAPITAL PROJECTS DIVISION, CONSTRUCTION SECTION IN WRITING OR CALL (808) 748-5730 AND SUBMIT SIX (6) SETS OF 24"X36" APPROVED CONSTRUCTION DRAWINGS, ONE WEEK PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
7. CONTRACTOR SHALL CUT, PLUG, AND REMOVE ALL EXISTING UNUSED LATERALS AT THE MAIN WHETHER OR NOT SHOWN ON THE PLANS. METER AND VALVE BOXES TO BE OR ALREADY ABANDONED SHALL BE DEMOLISHED OR REMOVED AND PROPERLY DISPOSED OF. THE DAMAGED AREA SHALL BE REPAIRED TO AN EQUAL OR BETTER CONDITION THAN THE IMMEDIATE AREA. ALL WORK SHALL BE DONE AT THE EXPENSE OF THE CONTRACTOR.
8. ALL PLANS APPROVED BY THE BOARD OF WATER SUPPLY ARE BASED SOLELY ON THE ADEQUACY OF THE WATER SUPPLY.
9. FOR METER 3 INCHES AND LARGER (COMPOUND, F.M., TURBINE, AND DETECTOR CHECK), CONTRACTOR SHALL NOTIFY CUSTOMER CARE DIVISION – SERVICE ENGINEERING SECTION IN WRITING AFTER THE PLAN IS APPROVED, NO LATER THAN 120 DAYS PRIOR TO WITHDRAWING THE METER FROM THE BOARD OF WATER SUPPLY STOREYARD. SUCH NOTICE SHALL INDICATE NUMBER, SIZE, AND TYPE OF METER (COMPOUND, F.M., OR DETECTOR CHECK) AND APPROXIMATE MONTH AND YEAR METER IS ANTICIPATED TO BE DRAWN OUT. IF THE APPROVED PLAN IS ALLOWED TO LAPSE, THE 120-DAY NOTICE WILL BE VOIDED.
10. BOARD OF WATER SUPPLY APPROVAL OF THESE PLANS DOES NOT CONSTITUTE A WATER COMMITMENT. AVAILABILITY OF WATER WILL BE DETERMINED WHEN BUILDING PERMIT IS PRESENTED TO THE DEPARTMENT. WATER COMMITMENT WILL DEPEND UPON THE STATUS OF THE WATER SYSTEM AT THAT TIME. SHOULD WATER SERVICE BE MADE AVAILABLE, THE WATER COMMITMENT WILL BE EFFECTIVE WHEN THE PROJECT RECEIVES AN APPROVED BUILDING PERMIT FROM THE BUILDING DEPARTMENT. ALL WATER COMMITMENTS WILL BE CANCELLED IN THE EVENT THE BUILDING PERMIT IS CANCELED.
11. THE PROJECT SHALL BE SUBJECT TO THE BOARD OF WATER SUPPLY'S CROSS-CONNECTION CONTROL REQUIREMENTS PRIOR TO ISSUANCE OF THE BUILDING PERMIT.
12. THE INSTALLATION, CHLORINATION AND TESTING OF THE WATER MAIN AND FACILITIES AFTER THE METER SHALL NOT BE THE RESPONSIBILITY OF THE BOARD OF WATER SUPPLY.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL WATER LINES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE ESPECIALLY CAREFUL WHEN EXCAVATING BEHIND WATER LINES, TEES AND BENDS WHEREVER THERE IS A POSSIBILITY OF WATER LINE MOVEMENT DUE TO THE REMOVAL OF THE SUPPORTING EARTH BEYOND THE EXISTING REACTION BLOCKS. THE CONTRACTOR SHALL TAKE WHATEVER MEASURES NECESSARY TO PROTECT THE WATER LINES, SUCH AS CONSTRUCTING SPECIAL REACTION BLOCKS (WITH BOARD OF WATER SUPPLY APPROVAL) AND/OR MODIFYING HIS CONSTRUCTION METHODS.
14. THE EXISTENCE AND LOCATIONS OF UNDERGROUND UTILITIES AND STRUCTURES AS SHOWN ON THE PLANS ARE FROM THE LATEST AVAILABLE DATA BUT ARE NOT GUARANTEED AS TO THE ACCURACY OR ENCOUNTERING OF OTHER OBSTACLES DURING THE COURSE OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE AND PAY FOR ALL DAMAGES TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOT ASSUME THAT WHERE NO UTILITIES ARE SHOWN, NONE EXIST.
15. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE BOARD OF WATER SUPPLY, THE MANUFACTURER'S CERTIFICATION THAT ALL CAST IRON (GRAY OR DUCTILE) FITTINGS FOR THE PROJECT CONFORM IN ALL RESPECT TO THE BOARD OF WATER SUPPLY WATER SYSTEM STANDARDS, DATED 2002 AND ADDENDUMS.
16. POLYGON SHAPE FOR MECHANICAL JOINT GLANDS AS DESCRIBED IN AWWA STANDARD C111 SHALL BE "STRAIGHT-SIDED" OR AN APPROVED EQUAL ON A JOB-TO-JOB BASIS.
17. RE-APPROVAL SHALL BE REQUIRED IF THIS PROJECT IS NOT UNDER CONSTRUCTION WITHIN A PERIOD OF TWO YEARS.
18. THE BACKFLOW PREVENTER DEVICE MUST BE INSTALLED BEFORE METER IS ISSUED.

WATER NOTES CONT'D

19. THE CONTRACTOR/DEVELOPER SHALL OBTAIN A NPDES PERMIT PRIOR TO CHLORINATION AND/OR DEWATERING. A COPY OF THE PERMIT SHALL BE SUBMITTED TO THE BOARD OF WATER SUPPLY, CAPITAL PROJECTS DIVISION, CONSTRUCTION SECTION.
20. PIPE CUSHION SHALL BE OF HIGH RESISTIVITY MATERIAL. THE CONTRACTOR SHALL SUBMIT A SOIL CERTIFICATION THAT HIGH RESISTANT CUSHION MATERIAL HAS A RESISTIVITY GREATER THAN 5,000 OHM-CM. REMAINDER OF THE BACKFILL MATERIAL SHALL BE AS SPECIFIED IN THE WATER SYSTEM STANDARDS. PIPE CUSHION AND BACKFILL MATERIAL SHALL CONTAIN NO HAZARDOUS SUBSTANCES ABOVE REGULATORY ACTION LEVELS INCLUDING BUT NOT LIMITED TO LEAD, ASBESTOS, MERCURY, CHROMIUM, ZINC, STRONTIUM, AND POLYCHLORINATED BIPHENYLS (PCB).
21. INSTALL 4 MIL THICK, NON-METALLIC, BLUE-COLORED, 6 INCHES WIDE WARNING TAPE OVER CENTERLINE OF THE PIPE AND BELOW THE BASE COURSES ALONG THE ENTIRE LENGTH OF TRENCH. TAPE SHOULD BE MARKED WITH "CAUTION WATER LINE BURIED BELOW".
22. MAINTAIN THE REQUIRED MINIMUM HORIZONTAL CLEAR SEPARATION BETWEEN ALL WATER MAINS, AND THE NEAREST ELECTRICAL/CABLE/SIGNAL DUCTLINES PARALLELING THE WATER SYSTEM. CONFORMANCE TO THE BOARD OF WATER SUPPLY 2002 WATER SYSTEM STANDARDS AS AMENDED SHALL BE AT NO COST AND ADHERED TO.
23. MAINTAIN THE REQUIRED MINIMUM HORIZONTAL CLEAR SEPARATION BETWEEN ELECTRICAL/CABLE/SIGNAL APPURTENANCES, (INCLUDING ANY MODULAR UNITS) AND THE NEAREST WATER MAINS OR WATER APPURTENANCE. CONTRACTOR SHALL FIELD VERIFY FOR ANY CONFLICTS AT EACH ELECTRICAL/CABLE/SIGNAL APPURTENANCE LOCATION. WHERE CONFLICTS OCCUR, THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER TO REVISE THE ELECTRICAL/CABLE/SIGNAL APPURTENANCE TO PROVIDE THE REQUIRED CLEARANCES. CONFORMANCE TO THE BOARD OF WATER SUPPLY 2002 WATER SYSTEM STANDARDS AS AMENDED SHALL BE AT NO COST AND ADHERED TO.
24. THE CONTRACTOR SHALL INSTALL ELECTRONIC MARKERS TO ALL MAINS AND TEST THE ELECTRONIC MARKERS PRIOR TO INSTALLATIONS TO VERIFY PROPER OPERATION. BOARD OF WATER SUPPLY PERSONNEL SHALL VERIFY THE NUMBER AND LOCATIONS OF PLACED ELECTRONIC MARKERS BEFORE FINAL PAVING OF THE PROJECT.
25. ALL DUCTILE IRON FITTINGS AND METALLIC VALVES SHALL HAVE A FACTORY APPLIED COATING AND WRAPPED WITH PETROLATUM WAX TAPE.
26. CLEANING SHALL BE BY THE USE OF "PIGS" INTRODUCED INTO THE PIPELINE AND RUN COMPLETELY THROUGH ALL INSTALLED PIPELINES AND ALL BRANCH LINES FOR FIRE HYDRANTS. "PIGGING" OF SERVICE LATERALS IS NOT REQUIRED. BARE FOAM "PIGS" SHALL BE USED TO SWAB PIPING CLEAN AS EACH LENGTH OF THE PIPELINE IS INSTALLED. THE TYPE, DENSITY, SIZE, DIAMETER AND LENGTH OF THE PIG SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE MANAGER PRIOR TO PIGGING WORK. "PIG" SHALL BE USED PER MANUFACTURER'S SPECIFICATIONS. PRIOR TO USE, THE "PIG" SHALL BE SUBMERGED IN A CHLORINE SOLUTION OF 1OZ. OF 5% CHLORINE BLEACH IN 5 GALLONS OF WATER. "PIGGING" OF THE PIPELINE SHALL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE NEW PIPELINE. MANUAL SWEEPING, HAND CLEANING OR SWABBING MAY BE ALLOWED IN LIEU OF "PIGGING" AS APPROVED BY THE BOARD OF WATER SUPPLY MANAGER.
27. AT THE ELECTRICAL/SIGNAL DUCTLINE WATER CROSSINGS, ADJUST ALL ELECTRICAL/SIGNAL DUCTLINE ELEVATIONS TO MAINTAIN THE REQUIRED VERTICAL CLEAR SEPARATION FROM ALL WATER MAINS. CONFORMANCE TO THE BOARD OF WATER SUPPLY 2002 WATER SYSTEM STANDARDS AS AMENDED SHALL BE AT NO COST AND ADHERED TO.
28. NO DEVIATION TO THE BOARD OF WATER SUPPLY 2002 WATER SYSTEM STANDARDS AS AMENDED, SHALL BE ALLOWED WITHOUT THE MANAGER AND CHIEF ENGINEER'S APPROVAL.
29. PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL VERIFY IN THE FIELD, THE LOCATION OF EXISTING WATERLINES AND APPURTENANCES.
30. ANY ADJUSTMENTS TO THE EXISTING WATER SYSTEM REQUIRED DURING CONSTRUCTION, TO MEET THE REQUIREMENTS OF THE BOARD OF WATER SUPPLY WATER SYSTEM STANDARDS, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE DONE BY THE CONTRACTOR AT NO COST TO THE BOARD OF WATER SUPPLY.
31. WHEN A UTILITY (GAS, SEWER, ELECTRICAL DUCT LINE, FIBER OPTIC, DRAINAGE, ETC.) CROSSES BELOW A BOARD OF WATER SUPPLY WATER MAIN, THE DESIGNER OF RECORD AND THEIR CONSTRUCTION ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING THE ADEQUATE WATER MAIN STRUCTURAL SUPPORT AND SUBMIT THE CONSTRUCTION METHOD AND SHOP DRAWING, STAMPED BY A LICENSED ENGINEER AND REVIEWED AND ACCEPTED BY THE DESIGNER OF RECORD. TO THE BOARD OF WATER SUPPLY FOR REVIEW AND APPROVAL. ALL WORK SHALL BE AT NO COST TO THE BOARD OF WATER SUPPLY.
32. ALL DUCTILE IRON PIPE, INCLUDING SECTIONS REQUIRING REINFORCED CONCRETE JACKETING, SHALL BE DUCTILE IRON CLASS 53 WITH A BONDED DIELECTRIC COATING AS PER THE BOARD OF WATER SUPPLY 2002 WATER SYSTEM STANDARDS AS AMENDED.
33. AFTER INSTALLATION OF TAPPING SLEEVE AND TAPPING VALVE AND PRIOR TO TAPPING THE EXISTING WATER MAIN, THE ASSEMBLY SHALL BE PRESSURE TESTED AT 150 PSI ON BOTH SIDES OF THE VALVE AND IN ACCORDANCE WITH THE WATER SYSTEM STANDARDS, DATED 2002.
34. EASEMENT DOCUMENTS MUST BE SUBMITTED TO BOARD OF WATER SUPPLY AND RECORDED BEFORE METER IS ISSUED.
35. (*) DIMENSION "H" OF THE BWS STANDARD 6-INCH DETECTOR CHECK METER DETAIL M31 MUST BE 1'-6".

WATER NOTES CONT'D

36. THE CONTRACTOR SHALL FURNISH AND INSTALL AN INSULATING CORPORATION STOP AND PETROLATUM WAX TAPE AT ALL TAPS (FOR DI PIPE AND COPPER LATERAL COMBINATION ONLY).
37. SOIL RESISTIVITY FOR THE SITE HAS A CORROSION RATING OF 2 TO 5 (VERY CORROSIVE TO MILDLY CORROSIVE) AS REPORTED BY GEOLABS, INC. ALL REQUIRED ELECTRICAL ISOLATION PROCEDURES AND CORROSION CONTROL REQUIREMENTS SHALL APPLY.
38. BOARD OF WATER SUPPLY CROSS-CONNECTION CONTROL SECTION (808) 748-5470 TO BE NOTIFIED 72 HOURS PRIOR TO CONCRETE POUR FOR OPEN TRENCH INSPECTION OF CONCRETE JACKET INSTALLATION.
39. AT UTILITY CROSSINGS WHERE PROPER COMPACTION UNDER A WATER MAIN IS DIFFICULT TO ACHIEVE, CLSM SHALL BE INSTALLED IN PLACE OF BACKFILL MATERIAL AND PIPE CUSHION MATERIAL. CLSM MIXTURE TO BE FURNISHED SHALL BE IN ACCORDANCE WITH DIVISION 200-MATERIALS, SECTION 209.06 CONTROLLED LOW STRENGTH MATERIAL (CLSM) OF THE WATER SYSTEM STANDARDS AS AMENDED.

BWS ESTIMATE OF CHARGES

DESCRIPTION OF WORK		ESTIMATE
2" DOMESTIC SERVICE		
New 1-1/2" Meter		$196.00
Installation Charge		$180.00
WATER SYSTEM FACILITIES CHARGES		$36,659.90
PROPOSED DOMESTIC:		
NON-RESIDENTIAL(≤50) – 50 FU X $620.85 =	$ 31,042.50	
NON-RESIDENTIAL(>50) –25.5 FU X $220.29 =	$ 5,617.40	
8" FIRE SERVICE		
8" DC Meter		$1,861.00
Installation Charge		N/A
One-time Charge		$12,100.00
TOTAL		$50,996.90
GRAND TOTAL		$50,996.90

** TO BE DETERMINED BY MEMORANDUM OF AGREEMENT.*

THIS ESTIMATE IS SUBJECT TO CHANGE. A FORMAL WRITTEN QUOTATION MAY BE OBTAINED AND ALL PAYMENTS FOR THE CHARGES SHOWN ON THE QUOTATION 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.

BWS FLOW REQUIREMENTS
NEW 1-1/2" METER - DOMESTIC

DESCRIPTION	FIXTURE UNITS (FU)	GALLONS PER MINUTE (GPM)	GALLONS PER DAY (GPD)
A. EXISTING:	00	00	00
B. PROPOSE DOMESTIC:	75.5	60	–
C. TOTAL:	75.5	60	–

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
NOTES - 2

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
T-005
5 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

SEWER NOTES

1. ALL SEWER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY'S "STANDARD SPECIFICATIONS," SEPT. 1986, THE DEPARTMENT OF ENVIRONMENTAL SERVICES "WASTEWATER SYSTEM DESIGN STANDARDS," JULY 2017, AND "WASTEWATER SYSTEM STANDARD DETAILS," JULY 2017, CURRENT CITY PRACTICES AND REVISED ORDINANCES OF HONOLULU, 1990 AS AMENDED.
2. IN THE EVENT THAT ANY CHANGE IN ALIGNMENT OR GRADE FOR THE PROPOSED SEWERS ARE REQUIRED DUE TO UNFORESEEN CONFLICT WITH OTHER UTILITIES, THE ENGINEER IN CHARGE OR THE MAKER OF THE PLANS SHALL BE RESPONSIBLE FOR THE REQUIRED CHANGES WHICH ARE TO BE PRESENTED TO THE DEPARTMENT OF PLANNING AND PERMITTING (DPP) FOR APPROVAL.
3. CRUSHED ROCK CRADLE IS PERMITTED WHERE SOIL IS STABLE. IN AREAS OF UNSTABLE SOIL, THE MAKER OF THE PLANS AND THE CONSTRUCTION ENGINEER WILL DETERMINE THE PIPE SUPPORT REQUIRED.
4. THE UNDERGROUND PIPES, CABLES OR DUCTLINES KNOWN TO EXIST BY THE ENGINEER FROM HIS RESEARCH OF RECORDS ARE INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF THE FACILITIES, INCLUDING AND AFFECTING SEWER LINES, IN THE PRESENCE OF THE WASTEWATER INSPECTOR AND EXERCISE PROPER CARE IN EXCAVATING THE AREA. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL PAY FOR ALL DAMAGED UTILITIES.
5. SEWER LATERALS SHALL BE CLEAR OF AND NOT CONFLICTING WITH ANY OTHER UTILITY. MINIMUM HORIZONTAL AND VERTICAL CLEARANCES SHALL BE STRICTLY OBSERVED AND FOLLOWED.
6. SLOPE FOR SEWER LATERALS SHALL BE A MINIMUM OF 2.00% UNLESS OTHERWISE NOTED.
7. BUILDING PLUMBING FACILITIES SHALL BE CONTROLLED BY SEWER LATERAL INVERTS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUOUS SEWER SERVICE TO ALL AFFECTED AREAS DURING CONSTRUCTION.
9. THE CONSULTING ENGINEER SHALL SUBMIT TO THE WASTEWATER BRANCH, DPP "AS-BUILT" TRACINGS AND ELECTRONIC FILES OF THE CONSTRUCTION PLANS AS ACTUALLY CONSTRUCTED, SHOWING ALL CHANGES FROM THE ORIGINAL PLANS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SEWAGE SPILLS CAUSED DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE STATE DEPARTMENT OF HEALTH AND UTILIZE APPROPRIATE SAMPLING AND ANALYZING PROCEDURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PUBLIC NOTIFICATIONS AND PRESS RELEASES.
11. THE CONTRACTOR SHALL INSTALL "RAINSTOPPER" MANHOLE INSERTS IN ALL SEWER MANHOLES WITH TYPE "SA" FRAME AND COVER.
12. THE CONTRACTOR SHALL OBTAIN APPROVAL FOR ADVANCE SEWER RISER AGREEMENT AT THE DPP AND OBTAIN BUILDING PERMIT FOR PLUMBING WORK BEFORE ANY ADVANCE RISER IS MADE.
13. ALL SEWER PIPE JOINTS WITHIN EASEMENTS SHALL BE WRAPPED WITH GEOTEXTILE ROOT BARRIER.
14. S4C PIPE CRADLE SEALS SHALL BE INSTALLED 10 FEET FROM ALL SEWER MANHOLES TO PREVENT SOIL MIGRATION. SEE DETAIL
15. 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).

SEWER NOTES CONT'D

16. WHEN CONNECTING TO A LIVE SEWER LINE, THE CONTRACTOR SHALL ABIDE BY ALL CONDITIONS THAT THE STATE DEPARTMENT OF HEALTH SETS FORTH TO MITIGATE ANY WASTEWATER SPILL THAT MAY OCCUR. THE CONTRACTOR SHALL INFORM THE CITY INSPECTOR FIVE (5) WORKING DAYS PRIOR TO THE ACTUAL CONNECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES AND PENALTIES DUE TO ANY SPILLS RESULTING FROM THE CONNECTION.
17. NO RUNGS SHALL BE INSTALLED INSIDE NEW SEWER MANHOLES.
18. FOR SEWER MANHOLE ADJUSTMENTS UPWARD LESS THAN 3", SEE STD. DETAIL S-28. FOR SMH ADJUSTMENTS UPWARD GREATER THAN 3" OR FOR ANY ADJUSTMENTS DOWNWARD, RECONSTRUCT SMH TOP FROM BELOW THE CONE SECTION
19. IF THE CONTRACTOR ENCOUNTERS FLOW MONITORING DEVICES, SUCH AS SPECIAL SEWER MANHOLE COVERS EMBEDDED WITH SOLAR PANELS, CONTACT COLLECTION SYSTEMS MAINTENANCE (CSM), ENV AT (808) 768-7272 TO COORDINATE TEMPORARY REMOVAL.
20. THE CONTRACTOR SHALL MAINTAIN VISIBILITY AND MAINTENANCE ACCESS TO LIVE SEWER MANHOLE LOCATIONS AT ALL TIMES, INCLUDING DURING NON-WORK HOURS AND PAVING OPERATIONS.
21. THE CONTRACTOR SHALL USE A MANHOLE DEBRIS CATCHING DEVICE WHEN PERFORMING MANHOLE HEIGHT ADJUSTMENT WORK AND REMOVE ANY CONSTRUCTION DEBRIS THAT HAS FALLEN INTO THE MANHOLE. DISPOSAL OF CONSTRUCTION DEBRIS IN THE SEWER SYSTEM IS STRICTLY PROHIBITED.
22. FOR PRECAST SEWER MANHOLES, THE CONSULTING ENGINEER SHALL SUBMIT FOUR (4) SETS OF SHOP DRAWINGS TO THE WASTEWATER BRANCH, DPP FOR APPROVAL. AFTER THE SHOP DRAWINGS ARE APPROVED, THE MANUFACTURER SHALL NOTIFY THE CONSTRUCTION MANAGEMENT BRANCH, WASTEWATER ENGINEERING AND CONSTRUCTION DIVISION, ENV, AT (808) 768-8785, (808) 768-8769, OR (808) 768-8755 TO ARRANGE FOR INSPECTION SERVICES FOR CONCRETE POURS MADE AT ITS PLANT SEVEN (7) DAYS PRIOR TO POUR.

TRAFFIC NOTES FOR WORK ON CITY & COUNTY STREETS

1. A PERMIT SHALL BE OBTAINED FROM THE DEPARTMENT OF TRANSPORTATION SERVICES BEFORE WORK ON ANY PORTION OF A PUBLIC STREET OR HIGHWAY MAY BEGIN. CONSTRUCTION TRAFFIC CONTROL PLANS APPROVED BY THE DEPARTMENT OF TRANSPORTATION SERVICES AND/OR THE DEPARTMENT OF PLANNING AND PERMITTING MUST BE PROVIDED WHEN APPLYING FOR THE PERMIT.
2. THE CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN ALL NECESSARY SIGNS AND OTHER PROTECTIVE FACILITIES, WHICH SHALL CONFORM WITH THE "HAWAII ADMINISTRATION RULES GOVERNING THE USE OF TRAFFIC CONTROL DEVICES AT WORK SITES ON OR ADJACENT TO PUBLIC STREETS AND HIGHWAYS" ADOPTED BY THE DIRECTOR OF TRANSPORTATION, AND THE CURRENT U.S. FEDERAL HIGHWAYS ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET HIGHWAYS, PART VI – TRAFFIC CONTROLS FOR STREET AND HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS."
3. WORK ON ANY CITY STREET AREA MAY BE PERFORMED ONLY BETWEEN THE HOURS OF 8:30 A.M. TO 3:30 P.M., MONDAY THROUGH FRIDAY, UNLESS OTHERWISE PERMITTED BY THE DEPARTMENT OF TRANSPORTATION SERVICES.
4. DURING WORKING HOURS, THE CONTRACTOR SHALL PROVIDE FOR THROUGH TRAFFIC, DURING NON-WORKING HOURS, ALL TRENCHES SHALL BE COVERED WITH A SAFE NON-SKID BRIDGING MATERIAL AND ALL LANES SHALL BE OPEN TO TRAFFIC.
5. AS REQUIRED BY THE DEPARTMENT OF TRANSPORTATION SERVICES, THE CONTRACTOR SHALL PROVIDE OFF-DUTY POLICE OFFICERS TO CONTROL THE FLOW OF TRAFFIC.
6. WHERE PEDESTRIAN WALKWAYS EXIST, THEY SHALL BE MAINTAINED IN PASSABLE CONDITION OR OTHER FACILITIES FOR PEDESTRIANS SHALL BE PROVIDED. PASSAGE BETWEEN WALKWAYS AT INTERSECTIONS SHALL LIKEWISE BE PROVIDED.
7. DRIVEWAYS SHALL BE KEPT OPEN UNLESS THE OWNERS OF THE PROPERTY USING THESE RIGHTS-OF-WAY ARE OTHERWISE PROVIDED FOR SATISFACTORILY.
8. CONTRACTOR SHALL REFERENCE TO THE APPROVAL OF THE DEPARTMENT OF TRANSPORTATION SERVICES AND THE DEPARTMENT OF PLANNING AND PERMITTING, ALL EXISTING TRAFFIC SIGNS, POSTS AND PAVEMENT MARKING PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGN, POSTS AND PAVEMENT MARKINGS DISTURBED BY HIS ACTIVITIES.
9. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PLANNING AND PERMITTING AT (808) 768-8084 ONE (1) WEEK PRIOR TO ANY WORK TO BE DONE ON SIGNS, POST AND PAVEMENT MARKINGS.

TRAFFIC NOTES FOR WORK ON CITY & COUNTY STREETS CONT'D

10. NO EQUIPMENT SHALL BE STORED WITHIN STREET RIGHT-OF-WAY EXCEPT AT LOCATIONS DESIGNATED IN WRITING AND APPROVED BY THE DEPARTMENT OF TRANSPORTATION SERVICES.
11. DEPARTMENT OF TRANSPORTATION HARBORS DIVISION SHALL ENSURE THAT THE CONTRACTOR INSTALLS THE CONSTRUCTION TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE MUTCD AND THE HAWAII ADMINISTRATION RULES AS SPECIFIED IN TRAFFIC NOTE #2.

SIGNS & MARKING NOTES

1. ALL TRAFFIC SIGN AND PAVEMENT MARKING INSTALLATIONS SHALL BE DONE IN ACCORDANCE WITH 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS,' 2009 EDITION, AS AMENDED, THE LATEST SPECIFICATIONS FROM THE TRAFFIC REVIEW BRANCH, DEPARTMENT OF PLANNING AND PERMITTING, AND AS SHOWN ON THE PLANS.
2. CONTRACTOR SHALL NOTIFY AND COORDINATE WORK WITH THE CIVIL ENGINEERING BRANCH, DEPARTMENT OF PLANNING AND PERMITTING, ONE (1) WEEK IN ADVANCE OF COMMENCING WORK AT (808) 768-8084.
3. CONTRACTOR SHALL SUBMIT MATERIAL BROCHURES FOR ALL SIGNS AND PAINT MATERIALS TO THE CIVIL ENGINEERING BRANCH, DEPARTMENT OF PLANNING AND PERMITTING.
4. THE SIGNING AND STRIPING CONTRACTOR SHALL KEEP ONE (1) SET OF APPROVED PLANS AT THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION WORK.
5. CONTRACTOR SHALL PAINT TEMPORARY GUIDELINES AND OUTLINE OF ARROWS, LEGENDS, AND CROSSWALKS WITH A TWO INCH (2") WIDE BRUSHED LINE ON THE DAY THE ROADWAY IS OPENED TO TRAFFIC. THESE MARKINGS MUST BE APPROVED BY THE INSPECTOR FROM THE CIVIL ENGINEERING BRANCH, DEPARTMENT OF PLANNING AND PERMITTING.
6. CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEERING BRANCH, DEPARTMENT OF PLANNING AND PERMITTING AT (808) 768-8084, (3) DAYS IN ADVANCE OF FINAL INSPECTION.
7. CONTRACTOR SHALL MEET WITH THE INSPECTOR FROM THE CIVIL ENGINEERING BRANCH, DEPARTMENT OF PLANNING AND PERMITTING DURING THE FINAL INSPECTION.
8. WITHIN TEN (10) DAYS FOLLOWING NOTIFICATION OF AWARD OF CONTRACT, THE CONTRACTOR SHALL SUBMIT TO THE DEPARTMENT OF PLANNING AND PERMITTING (PHONE: (808) 768-8084) FOR APPROVAL, A LIST OF ANY SIGNING AND PAVEMENT MARKING MATERIAL WHICH HE PROPOSES TO INSTALL. THE LIST SHALL BE COMPLETE AS TO THE NAME OF MANUFACTURER, CATALOG NUMBER, AND SHALL BE SUPPLEMENTED WITH MATERIAL BROCHURES.
9. UPON FINAL INSPECTION OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT A LETTER OF CERTIFICATION FOR ALL TRAFFIC SIGNING AND PAVEMENT MARKING MATERIALS INSTALLED.
10. SIGNS SHALL BE ATTACHED TO BRACKETS WITH 5/16' ZINC PLATED STEEL BOLTS, NUTS AND WASHERS. SIGNS 48" WIDE OR LARGER THAN 10 SQ. FT. IN AREA SHALL BE MOUNTED ON TWO-2' GALV. PIPE POST. THE SIGN SHALL BE INSTALLED WITH AT LEAST (1) ONE FOOT CLEARANCE FROM THE SIGN EDGE TO THE CURB FACE.
11. ALL TRAFFIC SIGNS SHALL BE REFLECTORIZED.
12. RAISED PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH THE DEPARTMENT OF PLANING AND PERMITTING STANDARDS.

REVYN M. SUGITAYA
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WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
NOTES - 3

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
T-006
6 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

EROSION AND SEDIMENT CONTROL NOTES

1. CONTRACTOR SHALL ADJUST EROSION CONTROL MEASURE AS NECESSARY TO ACCOMMODATE ANY CONSTRUCTION ACTIVITY THAT CONFLICTS WITH THE EROSION CONTROL LAYOUT AS SHOWN ON THIS PLAN AND MAINTAIN ALL COUNTY AND STATE REQUIREMENTS FOR EROSION CONTROL MEASURES.
2. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AFTER PROJECT COMPLETION.
3. CONTRACTOR SHALL RESTORE DISTURBED AREAS TO EQUAL OR BETTER CONDITION PRIOR TO PROJECT COMPLETION.
4. CONTRACTOR MUST RESTORE ANY IMPROVEMENTS DAMAGED AS A RESULT OF THIS WORK.
5. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES IN THE CITY AND COUNTY OF HONOLULU'S "RULES RELATING TO WATER QUALITY".
6. MEASURES TO CONTROL EROSION, SEDIMENT, AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE ANY EARTHWORK IS INITIATED.
7. COPIES OF THE APPROVED ESCP AND PROJECT SCHEDULE MUST BE KEPT ON THE PROJECT SITE AT ALL TIMES AND IMMEDIATELY AVAILABLE FOR REVIEW BY THE INSPECTOR UPON REQUEST.
8. BEST MANAGEMENT PRACTICES (BMPs) SHALL NOT BE REMOVED UNTIL PERMANENT STABILIZATION IS COMPLETED.
9. REFER TO CITY AND COUNTY OF HONOLULU BEST MANAGEMENT PRACTICES MANUAL–CONSTRUCTION, FOR MORE INFORMATION ON BMPs.
10. CONTRACTOR TO COMPLY WITH THE PROJECT SCHEDULING REQUIREMENT AND SUBMIT THE SCHEDULE START DATE TO THE DIRECTOR IN WRITING 2 WEEK PRIOR TO STARTING ANY WORK GOVERNED BY THE "RULES RELATING TO WATER QUALITY".
11. THE OWNER OF THE PROPERTY OR THEIR AUTHORIZED AGENT MUST DESIGNATE A PERSON RESPONSIBLE FOR IMPLEMENTING THE ESCP AT THE PROJECT SITE ("ESCP COORDINATOR") PRIOR TO PERMIT ISSUANCE USING THE FORM PROVIDED AS APPENDIX A TO THE "RULES RELATING TO WATER QUALITY".
12. PROJECT PLANNING AND DESIGN. BMPs SHALL BE PROVIDED TO THE MAXIMUM EXTENT PRACTICABLE TO ELIMINATE AND PREVENT POLLUTANT DISCHARGES TO THE MS4 AND RECEIVING WATERS.
13. PROJECT SCHEDULING

    SEQUENCING OF WORK SHALL BE AS FOLLOWS:

    a. INSTALL STABILIZED CONSTRUCTION ENTRANCES, PERIMETER CONTROLS, INLET PROTECTION, TEMPORARY FLAGGING/FENCING FOR PROTECTED AREAS AND PROVIDE FOR MAINTENANCE OF TEMPORARY SEDIMENT TRAPS, AND SWALES. CLEAR AND GRUB AS NECESSARY FOR THE INSTALLATION OF BMPs.

    b. COMMENCE GRADING AND CONSTRUCTION WORK. RELOCATE AND MAINTAIN BMPs AS NECESSARY TO KEEP THEM EFFECTIVE AT ALL TIMES. INITIATE STABILIZATION IMMEDIATELY ONCE GRADING AND CONSTRUCTION IS COMPLETED.

    c. PRACTICE GOOD HOUSEKEEPING MEASURES THROUGHOUT THE DURATION OF CONSTRUCTION.

    d. INSPECTIONS SHALL BE PERFORMED WEEKLY.

14. THE FOLLOWING RAIN RESPONSE PLANS SHALL BE PERFORMED WHEN SEVERE WEATHER EVENTS SUCH AS HEAVY RAINS, TROPICAL STORM, OR HURRICANE THAT ARE IMMINENT OR FORECASTED WITHIN 48 HOURS:

    a. TEMPORARY SUSPENSION OF ACTIVE GRADING AND TRENCHING.

    b. INSPECT ALL PERIMETER CONTROLS, INLET PROTECTION DEVICES, SWALES AND SEDIMENT TRAPS AND MAINTAIN AS NEEDED. REINSTALL ANY PERIMETER CONTROLS THAT WERE REMOVED DUE TO ACTIVE WORK. IF SEVERE WEATHER IS EXPECTED, REMOVE INLET PROTECTION TO PREVENT FLOODING ON SURROUNDING STREETS.

    c. COVER OR RELOCATE MATERIAL STOCKPILES AND LIQUID MATERIAL CONTAINERS TO AVOID CONTACT WITH RAINWATER.

    d. PLACE SPILL PANS OR OIL–ONLY PADS UNDER CONSTRUCTION VEHICLES TO PREVENT RUNOFF FROM CONTACTING ANY SPILLED PETROLEUM PRODUCTS. PROPERLY DISPOSE OF ANY ACCUMULATED OILY WATER AFTER THE RAIN EVENT.

    e. RE–INSPECT ALL BMPs AFTER THE SEVERE WEATHER EVENT AND REPLACE OR MAINTAIN AS NEEDED.

15. SLOPE MANAGEMENT AND PROTECTION
    SLOPE PROTECTION IS REQUIRED ON AREAS WITH SLOPES GREATER THAN 15% AND ON AREAS OF MODERATE SLOPE THAT ARE PRONE TO EROSION UNLESS THEY ARE BEING ACTIVELY WORKED. STABILIZATION MUST BE INITIATED IMMEDIATELY UNLESS ACTIVE WORK IS SCHEDULED WITHIN 7 CALENDAR DAYS OR WHERE NECESSARY DUE TO ANTICIPATED WEATHER. STABILIZATION SHALL COMPLY WITH THE CITY AND COUNTY OF HONOLULU'S "RULES RELATING TO WATER QUALITY".

EROSION AND SEDIMENT CONTROL NOTES CONT'D

16. TEMPORARY STABILIZATION
    TEMPORARY STABILIZATION IS REQUIRED ON DISTURBED AREAS WHICH ARE AT FINAL GRADE OR WHEN THE DISTURBED AREA WILL NOT BE WORKED FOR 14 CONSECUTIVE DAYS OR MORE. STABILIZATION MATERIAL SHALL COMPLY WITH THE CITY AND COUNTY OF HONOLULU'S "RULES RELATING TO WATER QUALITY".
17. PERMANENT STABILIZATION
    PERMANENT STABILIZATION OF THE SITE SHALL CONSIST OF A.C. PAVEMENT, CONCRETE PAVEMENT, AND LANDSCAPING. CONTRACTOR SHALL LANDSCAPE ALL REMAINING EXPOSED AREAS THAT HAVE BEEN CONSTRUCTED TO FINAL ELEVATIONS IMMEDIATELY UPON COMPLETION AND MAINTAIN LANDSCAPED AREA UNTIL COMPLETION OF THE PROJECT.
18. PRESERVE EXISTING VEGETATION
    THE ENTIRE PROJECT SITE SHALL BE CLEARED, GRUBBED, AND GRADED. NO PRESERVATION OF EXISTING VEGETATION IS ANTICIPATED WITHIN THE PROJECT SITE.
19. MINIMIZE SOIL COMPACTION
    AREAS INTENDED FOR INFILTRATION PRACTICE, SUCH AS SEDIMENT TRAPS, SHALL BE PROTECTED FROM EXCESSIVE COMPACTION DURING CONSTRUCTION. VEHICLE AND EQUIPMENT USE SHALL BE RESTRICTED OR TECHNIQUES TO CONDITION THE SOILS SHALL BE IMPLEMENTED. CLEARLY MARK THE AREAS TO BE AVOIDED WITH FLAGS OR TEMPORARY FENCING. WHERE TEMPORARY FENCING IS USED, FENCING MUST BE ADEQUATELY SUPPORTED BY POSTS AND MAINTAINED IN AN UPRIGHT POSITION.
20. STORM DRAIN INLET, TRENCH DRAIN AND CATCH BASIN PROTECTION

    a. ALL DRAIN INLETS INCLUDING DRAIN INLETS THAT'S SCHEDULED TO BE DEMOLISHED BUT HAS YET TO BE REMOVED, TRENCH DRAIN AND CATCH BASINS THAT ARE NOT CONNECTED TO A SEDIMENT BASIN OR TRAP MUST BE PROTECTED BY SEDIMENT BARRIERS OR INLET PROTECTION DEVICES IF THEY ARE CAPABLE OF RECEIVING SEDIMENT OR RUNOFF FROM THE PROJECT SITE UNLESS SEVERE WEATHER CONDITIONS MAKE THE USE OF SUCH DEVICES UNSAFE OR INFEASIBLE.

    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.

    e. SEDIMENT COLLECTED FROM SEDIMENT BARRIERS AND INLET PROTECTION DEVICES MUST BE REINCORPORATED INTO THE PROJECT SITE OR DISPOSED OF AT OFF–SITE LOCATIONS THAT ARE APPROVED BY THE DIRECTOR.

21. PERIMETER CONTROLS
    COMPOST FILTER SOCK SHALL BE PROVIDED ALONG THE PERIMETER OF THE PROJECT SITE TO CAPTURE RUNOFF FROM DISTURBED AREAS BEFORE LEAVING THE SITE.
22. SEDIMENT TRAPS
    SEDIMENT TRAPS MUST BE KEPT IN EFFECTIVE OPERATING CONDITION AND SEDIMENT SHALL BE REMOVED TO MAINTAIN AT LEAST ONE THIRD OF THE DESIGN CAPACITY AT ALL TIMES.
23. 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.

24. OMITTED LIST
    THE FOLLOWING BMPs WERE DETERMINED TO NOT BE APPLICABLE BASED ON THE SITE SPECIFIC CONDITIONS. A BRIEF EXPLANATION OF WHY EACH OMITTED BMP IS UNNECESSARY OF IMPRACTICABLE HAS BEEN PROVIDED UNDER SEPARATE DOCUMENTATION TO DPP. AS CONSTRUCTION PROGRESSES, REVISION MAY BE NECESSARY AND WILL BE PROVIDED TO DPP INSPECTORS.

    a. DIVERSION BMPs TO DIVERT RUNOFF FROM UPSTREAM AREAS AROUND DISTURBED AREAS OF THE SITE.
    b. VELOCITY DISSIPATION DEVICE
    c. BUFFER ZONES
    d. SEDIMENT BASIN
    e. DEWATERING

GOOD HOUSEKEEPING BMPs

1. STREET SWEEPING AND VACUUMING
   ALL POLLUTANTS DISCHARGED FROM CONSTRUCTION SITE TO OFF–SITE AREAS MUST BE SWEPT OR VACUUMED EACH DAY BEFORE LEAVING THE JOB SITE.
2. BMP AND SITE MAINTENANCE
   ALL SITE BMPs SHALL BE CHECKED AND REPAIRED AS NECESSARY, WEEKLY IN DRY PERIODS, AND WITHIN 24–HOURS AFTER ANY RAINFALL OF 0.25 INCHES OR GREATER. DURING PROLONGED RAINFALL, DAILY CHECKING WILL BE NECESSARY. THE PERMITTEE SHALL MAINTAIN RECORDS OF ALL CHECKS AND REPAIRS.
3. DUST CONTROL
   DUST EMISSIONS TO THE MAXIMUM EXTENT PRACTICABLE THROUGH BMPs SUCH AS WATER SPRINKLING, DUST FENCES, LIMITING AREA OF DISTURBANCE AND TIMELY STABILIZATION OF FINISHED AREAS.
4. MATERIAL DELIVERY, STORAGE AND USE BMPs
   PREVENT, REDUCE, OR ELIMINATE THE DISCHARGE OF POLLUTANTS FROM MATERIAL DELIVERY, STORAGE, AND USE TO THE STORM WATER SYSTEM OR WATERCOURSES BY MINIMIZING THE STORAGE OF HAZARDOUS MATERIALS ONSITE, STORING MATERIALS IN A DESIGNATED AREA, INSTALLING SECONDARY CONTAINMENT. CONSTRUCTION MATERIALS, WASTE, TOXIC AND HAZARDOUS SUBSTANCES, STOCKPILES AND OTHER SOURCES OF POLLUTION SHALL NOT BE STORED IN BUFFER AREAS, NEAR AREAS OF CONCENTRATED FLOW, OR AREAS ABUTTING THE MS4, RECEIVING WATERS, OR DRAINAGE IMPROVEMENTS THAT DISCHARGE OFF–SITE. PRIMARY AND SECONDARY CONTAINMENT CONTROLS AND COVERS SHALL BE IMPLEMENTED TO THE MAXIMUM EXTENT PRACTICABLE.
5. STOCKPILE MANAGEMENT BMPs
   STOCKPILES SHALL NOT BE LOCATED IN DRAINAGE WAYS, WITHIN 50 FEET FROM AREAS OF CONCENTRATED FLOWS, AND ARE NOT ALLOWED IN THE CITY RIGHT–OF–WAY. SEDIMENT BARRIERS OR COMPOST FILTER SOCK SHALL BE USED AROUND THE BASE OF ALL STOCKPILES. STOCKPILES SHALL NOT EXCEED 15 FEET IN HEIGHT. STOCKPILES GREATER THAN 15 FEET IN HEIGHT SHALL REQUIRE 8 FOOT WIDE BENCHING IN ACCORDANCE WITH ROH CHAPTER 18A, ARTICLE 3. STOCKPILES MUST BE COVERED WITH PLASTIC SHEETING OR A COMPARABLE MATERIAL IF THEY WILL NOT BE ACTIVELY USED WITHIN 7 DAYS.
6. SPILL PREVENTION AND CONTROL BMPs
   CREATE AND IMPLEMENT SPILL PREVENTION AND RESPONSE PLANS TO ELIMINATE AND MINIMIZE THE DISCHARGE OF POLLUTANTS TO THE MS4 AND RECEIVING WATERS FROM LEAKS AND SPILLS BY REDUCING THE CHANCE FOR SPILLS, ABSORBING, CONTAINING, AND CLEANING UP SPILLS AND PROPERLY DISPOSING OF SPILL MATERIALS. AT A MINIMUM, ALL PROJECTS SHALL CLEANUP ALL LEAKS AND SPILLS IMMEDIATELY.
7. NONHAZARDOUS MATERIALS
   IN THE EVENT THAT NONHAZARDOUS MATERIALS ARE DISCHARGED TO THE MS4, THE PROPERTY OWNER OR ESCP COORDINATOR SHALL NOTIFY THE CITY DEPARTMENT OF FACILITIES MAINTENANCE BY TELEPHONE NO LATER THAN THE NEXT BUSINESS DAY. A WRITTEN REPORT DESCRIBING THE POLLUTANTS THAT WERE DISCHARGED, THE REASONS FOR THE DISCHARGE, AND THE MEASURES THAT HAVE BEEN TAKEN OR WILL BE TAKEN TO PREVENT A REOCCURRENCE OF THE DISCHARGE SHALL BE SUBMITTED TO THE DIRECTOR NO LESS THAN 3 DAYS AFTER NOTIFICATION BY PHONE.
8. SOLID WASTE MANAGEMENT BMPs
   PREVENT OR REDUCE DISCHARGE OF POLLUTANTS TO THE LAND, GROUNDWATER, AND IN STORM WATER FROM SOLID WASTE OR CONSTRUCTION AND DEMOLITION WASTE BY PROVIDING DESIGNATED WASTE COLLECTION AREAS, COLLECT SITE TRASH DAILY, AND ENSURING THAT CONSTRUCTION WASTE IS COLLECTED, REMOVED, AND DISPOSED OF ONLY AT AUTHORIZED DISPOSAL AREAS.
9. HAZARDOUS MATERIALS
   PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM HAZARDOUS WASTE THROUGH PROPER MATERIAL USE AND WASTE DISPOSAL. IN THE EVENT THAT HAZARDOUS MATERIALS ARE DISCHARGED TO THE MS4, THE PROPERTY OWNER OR ESCP COORDINATOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT OF FACILITIES MAINTENANCE, HONOLULU FIRE DEPARTMENT, AND HONOLULU POLICE DEPARTMENT OF THE DISCHARGE BY TELEPHONE. A WRITTEN REPORT DESCRIBING THE POLLUTANTS THAT WERE DISCHARGED, THE REASONS FOR THE DISCHARGE, AND THE MEASURES THAT HAVE BEEN TAKEN OR WILL BE TAKEN TO PREVENT A REOCCURRENCE OF THE DISCHARGE SHALL BE SUBMITTED TO THE DIRECTOR NO LESS THAN 3 DAYS AFTER NOTIFICATION BY PHONE.
10. CONTAMINATED SOIL MANAGEMENT BMPs
    AT MINIMUM CONTAIN CONTAMINATED MATERIAL SOIL BY SURROUNDING WITH IMPERMEABLE LINED BERMS OR COVER EXPOSED CONTAMINATED MATERIAL WITH PLASTIC SHEETING. CONTAMINATED SOIL SHOULD BE DISPOSED OF PROPERLY IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
11. CONCRETE WASTE MANAGEMENT BMPs
    PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM CONCRETE WASTE BY CONDUCTING WASHOUT OFFSITE OR PERFORMING ONSITE WASHOUT IN A DESIGNATED AREA CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MILLIMETER POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL. CONTAINMENT AREAS OR DEVICES SHOULD NOT BE LOCATED WHERE ACCIDENTAL RELEASE OF THE CONTAINED LIQUID CAN DISCHARGE TO WATER BODIES, CHANNELS, OR STORM DRAINS. WASHOUT FACILITIES MUST BE CLEANED, OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75 PERCENT FULL. ONCE CONCRETE WASTES ARE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED, AND DISPOSED OF AS SOLID WASTES.

GOOD HOUSEKEEPING BMPs CONT'D

12. SANITARY/SEPTIC WASTE MANAGEMENT BMPs
    TEMPORARY AND PORTABLE SANITARY AND SEPTIC WASTE SYSTEMS SHALL BE MOUNTED OR STAKED IN, WELL–MAINTAINED AND SCHEDULED FOR REGULAR WASTE DISPOSAL AND SERVICING. SOURCES OF SANITARY AND/OR SEPTIC WASTE SHALL NOT BE STORED NEAR THE MS4 OR RECEIVING WATERS.
13. LIQUID WASTE MANAGEMENT BMPs
    LIQUID WASTE SHALL BE CONTAINED IN A CONTROLLED AREA SUCH AS HOLDING PIT, SEDIMENT BASIN, ROLL–OFF BIN, OR PORTABLE TANK OF SUFFICIENT VOLUME AND TO CONTAIN THE LIQUID WASTES GENERATED. CONTAINMENT AREAS OR DEVICES MUST BE IMPERMEABLE AND LEAK FREE AND SHOULD NOT BE LOCATED WHERE ACCIDENTAL RELEASE OF THE CONTAINED LIQUID CAN DISCHARGE TO WATER BODIES, CHANNELS, OR STORM DRAINS.
14. VEHICLE AND EQUIPMENT CLEANING BMPs
    ELIMINATE AND MINIMIZE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM VEHICLE AND EQUIPMENT CLEANING OPERATIONS BY USING OFF–SITE FACILITIES WHEN FEASIBLE, WASHING IN DESIGNATED, CONTAINED AREAS ONLY, AND ELIMINATING DISCHARGES TO THE STORM DRAIN SYSTEM BY EVAPORATING AND/OR TREATING WASH WATER, AS APPROPRIATE OR INFILTRATING WASH WATER FOR EXTERIOR CLEANING ACTIVITIES THAT USE WATER ONLY.
15. VEHICLE AND EQUIPMENT FUELING BMPs
    PREVENT FUEL SPILLS AND LEAKS BY USING OFF–SITE FACILITIES, FUELING ONLY IN DESIGNATED AREAS, ENCLOSING OR COVERING STORED FUEL, AND IMPLEMENTING SPILL CONTROLS SUCH AS SECONDARY CONTAINMENT AND ACTIVE MEASURES USING SPILL RESPONSE KITS.
16. VEHICLE AND EQUIPMENT MAINTENANCE BMPs
    ELIMINATE AND MINIMIZE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM VEHICLE AND EQUIPMENT MAINTENANCE OPERATIONS BY USING OFF–SITE FACILITIES WHEN FEASIBLE, PERFORMING WORK IN DESIGNATED AREAS ONLY, USING SPILL PADS UNDER VEHICLES AND EQUIPMENT, CHECKING FOR LEAKS AND SPILLS, AND CONTAINING AND CLEANING UP SPILLS IMMEDIATELY.
17. TRACKING CONTROL
    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. 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. WASHING POLLUTANTS AND MATERIALS TO THE MS4 IS PROHIBITED.
18. STABILIZED CONSTRUCTION ENTRANCE AND EXIT
    UNPAVED CONSTRUCTION ENTRANCES AND EXITS MUST CONSIST OF 3–6 INCH DIAMETER GRAVEL PLACED UPON GEOTEXTILE MAT. THE GRAVEL MUSH HAVE A MINIMUM DEPTH OF 12 INCHES ABOVE THE GEOTEXTILE MAT. THE GRAVELED ENTRANCE MUST BE AT LEAST 50 FEET LONG AND 30 FEET WIDE. ENTRANCES AND EXISTS MUST PROVIDE A TURNING RADIUS SUFFICIENT TO ACCOMMODATE THE CONSTRUCTION VEHICLES ENTERING AND EXITING THE SITE.
19. DEWATERING OPERATIONS BMPs
    NON–STORM WATER CANNOT BE DISCHARGED FROM THE SITE WITHOUT PRIOR NOTICE TO AND APPROVAL FROM THE DOH.

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

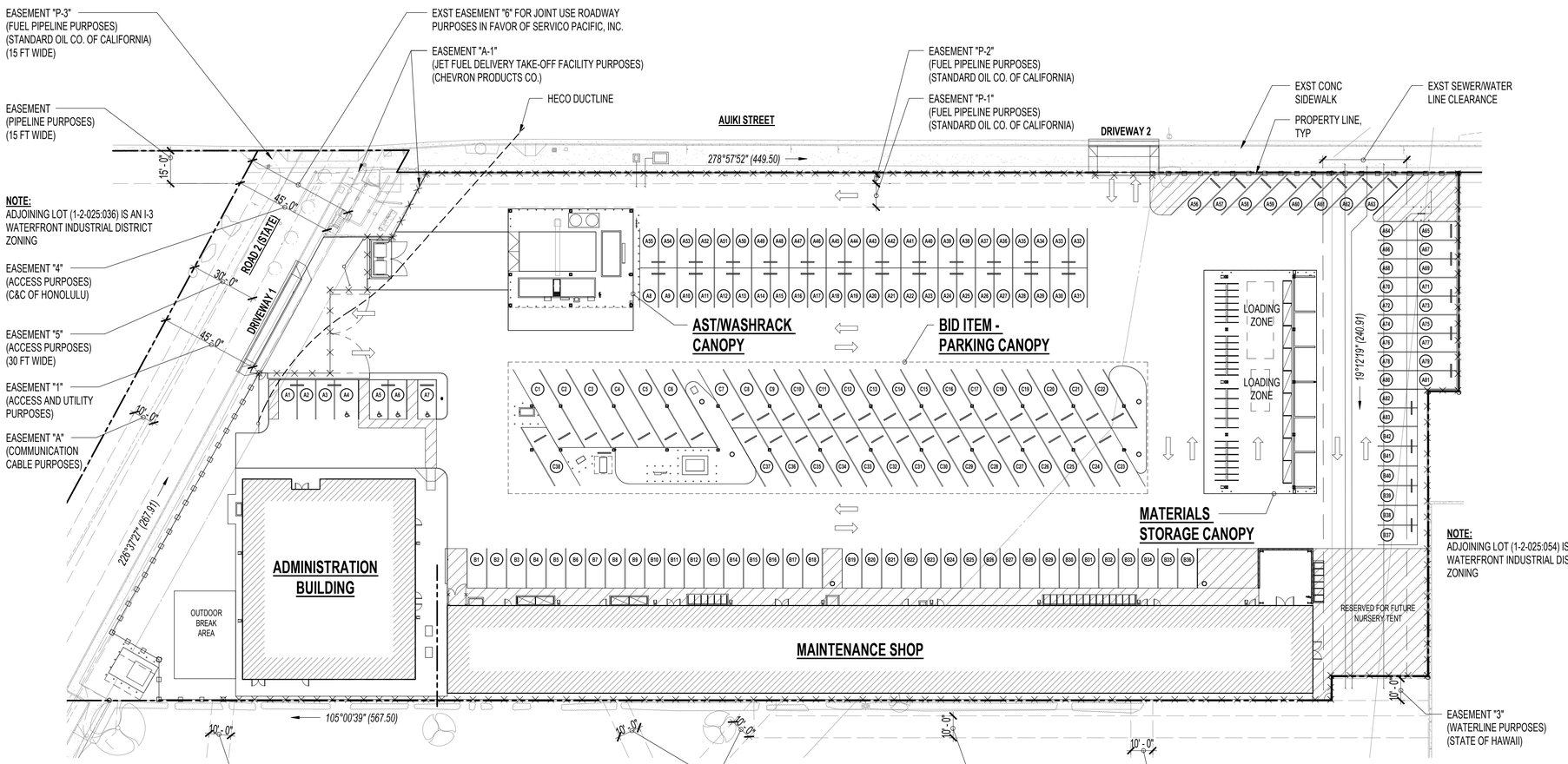
SHEET TITLE
EROSION SEDIMENT CONTROL PLAN NOTES

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
T-007
7 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



A SITE PLAN
1" = 30'-0"

PLAN NORTH

PARKING LEGEND:

- (A#) EMPLOYEE PARKING STALLS (8'-6" X 18') - 83 TOTAL
- (B#) STATE VEHICLES (LT / MED DUTY)(9' X 18') - 42 TOTAL
- (C#) STATE VEHICLES (LG COMM TRUCKS & CONST EQUIPMENT) - 38 TOTAL
- **AC** ACCESS CONTROL

0 30' 60'
SCALE: 1" = 30'-0"

ZONING INFORMATION

PROPERTY INFORMATION:

A. OWNER:	STATE OF HAWAII - DOT HARBORS DIVISION
B. TAX MAP KEY (TMK):	1-2-025:011 AND 084
C. ADDRESS:	1845 AUIKI STREET, HONOLULU, HI 96819
D. TOTAL EXST LOT AREA:	147,239 SF (3.38 ACRES)

LAND USE ORDINANCE INFORMATION

A. REFERENCE:	LAND USE ORDINANCE (LUO), SEPTEMBER 2025 CITY AND COUNTY OF HONOLULU DEPARTMENT OF PLANNING AND PERMITTING
B. ZONING:	I-3 WATERFRONT INDUSTRIAL DISTRICT
C. HISTORIC SITE REGISTER:	NONE
D. LOT RESTRICTIONS:	NONE
E. SMA/SHORELINE:	NONE
F. SPECIAL DESIGN DISTRICT:	NONE
G. DEVELOPMENT PLAN AREA:	PRIMARY URBAN CENTER
H. STATE AND LAND USE:	URBAN DISTRICT
I. FLOOD ZONE:	X - BEYOND 500 YEAR FLOOD PLAIN (AT PROJECT LOCATION)
J. STREET SETBACK:	NO PORTION OF A STRUCTURE SHALL EXCEED A HEIGHT EQUAL TO TWICE THE DISTANCE FROM THE STRUCTURE TO THE VERTICAL PROJECTION OF THE CENTER LINE OF THE STREET
K. MINIMUM LOT AREA:	7,500 SF (PROJECT LOT MEETS REQUIREMENT), SEE ITEM D ABOVE.
L. MINIMUM LOT WIDTH/DEPTH:	60 FT (PROJECT LOT MEETS REQUIREMENT), SEE ZONING PLAN.
M. YARD SETBACKS:	
(FRONT)	0'-0" EXCEPT FOR NECESSARY ACCESS DRIVES AND WALKWAYS, ALL FRONT YARDS SHALL BE LANDSCAPED.
(SIDE)	0'-0"
(REAR)	0'-0"
N. MAXIMUM BUILDING AREA:	80%
O. MAXIMUM DENSITY: (MAX ALLOWABLE FLOOR AREA)	2.5 FAR = 2.5 X LOT AREA = 2.5 X 123,851 SF = 309,627.5

P. PROPOSED FLOOR AREA:

EXISTING GROSS SF:	0 SF (E)
PROPOSED ADMINISTRATION:	7,123 SF
PROPOSED MAINT SHOPS:	16,436 SF
PROPOSED MATERIAL STORAGE CANOPY:	5,308 SF
PROPOSED AST/WASH RACK CANOPY:	2,574 SF
PROPOSED PV PARKING CANOPY:	17,551 SF
TOTAL GROSS SF:	**48,992 SF**

Q. OPEN SPACE BONUS:	NONE
S. HEIGHT LIMIT:	60'-0"
T. TRANSITIONAL HEIGHT SETBACK:	NONE
U. PROPOSED BUILDING HEIGHT:	**24'-0"**
V. OFF STREET PARKING: (REQUIREMENT)	NO OFF STREET PARKING REQUIREMENTS. PROJECT LOCATION IS WITHIN THE PRIMARY URBAN CENTER DEVELOPMENT PLAN AREA.
(PROVIDING/EXST)	TOTAL STANDARD STALLS = 79 STALLS TOTAL ADA STALLS = 4 STALLS **TOTAL PARKING PROVIDED = 83 STALLS (EMPLOYEE PARKING)**
W. LOADING SPACES: (REQUIREMENT) (PROVIDING/EXST)	ADMIN - OFFICE BUILDING IS LESS THAN 20,000SF, THEREFORE NO LOADING SPACE IS REQUIRED TO SUPPORT THE OFFICE BUILDING. THE MAINTENANCE SHOPS ARE BETWEEN 10,001 - 50,000 SF. THEREFORE 2 LOADING SPACES ARE REQURIED. 1 - 35' L X 12' W X 14' H LOADING SPACE & 1 - 19' L X 8.5'W X 10'H LOADING SPACE IS PROVIDED.

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
ZONING INFORMATION

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

SHEET
T-008
8 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026

G:\2023\23016 Oahu District Baseyard Relocation\Drawings\running set\G-001 BLDG CODE COMPL AND SUMM.dwg, 9/4/2026 5:45:51 PM, michael, Bluebeam PDF

BUILDING AND FIRE CODE COMPLIANCE SUMMARY - MAINTENANCE SHOP, PARKING CANOPY, AND AST/WASH RACK CANOPY

APPLICABLE CODES:
NFPA 1, FIRE CODE, 2021, AS AMENDED
NFPA 10, STANDARD FOR PORTABLE FIRE EXTINGUISHERS, 2018
NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2019
NFPA 24, STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES, 2019
NFPA 30, FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE, 2021
NFPA 30A, CODE FOR MOTOR FUEL DISPENSING FACILITIES AND REPAIR GARAGES, 2021
NFPA 37, STANDARD FOR THE INSTALLATION AND USE OF STATIONARY COMBUSTION ENGINES AND GAS TURBINES, 2021
NFPA 70, NATIONAL ELECTRICAL CODE, 2020, AS AMENDED
NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2019
NFPA 110, STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS, 2019
NFPA 664, STANDARD FOR PREVENTION OF FIRE AND EXPLOSIONS IN WOOD PROCESSING AND WOODWORKING FACILITIES, 2020
NFPA 855, STANDARD FOR THE INSTALLATION OF STATIONARY ENERGY STORAGE SYSTEMS, 2020

IBC, INTERNATIONAL BUILDING CODE (IBC), INTERNATIONAL CODE COUNCIL, 2021, AS AMENDED
WATER SYSTEM STANDARDS, STATE OF HAWAII, 2002, REV 2/9/22

OCCUPANCY CLASSIFICATION:
MAINTENANCE SHOP: MIXED USE NON-SEPARATED OCCUPANCIES
GROUP F-1 FACTORY
GROUP S-1 STORAGE

PARKING CANOPY: SINGLE USE OCCUPANCY
GROUP S-1 STORAGE

AST/WASH RACK CANOPY: WEATHER PROTECTION STRUCTURE

THE AST/WASH RACK CANOPY SHALL BE CONSIDERED A WEATHER PROTECTION STRUCTURE INTENDED FOR FOR SHELTERING HAZARDOUS MATERIAL STORAGE AND USE AREAS PER IBC SECTION 414.6.1. THE OVERHEAD STRUCTURE IS OF NONCOMBUSTIBLE CONSTRUCTION AND COVERS AN AREA OF 2,566 SF, WHICH EXCEEDS THE MAXIMUM ALLOWABLE AREA OF 1,500 SF. THE MAXIMUM ALLOWABLE AREA FOR THE OVERHEAD STRUCTURE IS PERMITTED TO BE INCREASED AS PROVIDED BY IBC SECTION 506 PER IBC SECTION 414.6.1.3. THE AREA OF THE OVERHEAD STRUCTURE DOES NOT EXCEED THE MAXIMUM ALLOWABLE AREA FOR AN UNSPRINKLERED STRUCTURE THAT IS TYPE IIB CONTSTRUCTION WITH ANY OCCUPANCY CLASSIFICATION LISTED PER IBC TABLE 506.2.

TYPE OF CONSTRUCTION:
MAINTENANCE SHOP: TYPE II-B CONSTRUCTION
PARKING CANOPY: TYPE II-B CONSTRUCTION
AST/WASH RACK CANOPY: TYPE-II CONSTRUCTION

ALLOWABLE AREA AND HEIGHT:
MAINTENANCE SHOP, SPRINKLERED

OCCUPANCY GROUP:	ALLOWABLE AREA:	ALLOWABLE HEIGHT:	ALLOWABLE STORIES ABOVE GROUP PLANE:
GROUP F-1	*62,000 SF	**75 FT	***3 STORIES
GROUP S-1	70,000 SF	75 FT	4 STORIES

ACTUAL BUILDING AREA/*MOST RESTRICTIVE ALLOWABLE AREA: 20,245 SF/62,000 SF
ACTUAL HEIGHT, ROOF PEAK/**MOST RESTRICTIVE ALLOWABLE HEIGHT: 25 FT 7 IN/75 FT
ACTUAL NUMBER OF STORIES/***MOST RESTRICTIVE ALLOWABLE STORIES: 2 STORY/3 STORIES

PARKING CANOPY, SPRINKLERED

OCCUPANCY GROUP:	ALLOWABLE AREA:	ALLOWABLE HEIGHT:	ALLOWABLE STORIES ABOVE GROUP PLANE:
GROUP S-1	*70,000 SF	**75 FT	***4 STORIES

ACTUAL BUILDING AREA/*MOST RESTRICTIVE ALLOWABLE AREA: 17,7535 SF/70,000 SF
ACTUAL HEIGHT, ROOF PEAK/**MOST RESTRICTIVE ALLOWABLE HEIGHT: 22 FT/75 FT
ACTUAL NUMBER OF STORIES/***MOST RESTRICTIVE ALLOWABLE STORIES: 1 STORY/4 STORIES

BUILDING EXPOSURES:
IBC TABLE 602 REQUIRES 10 FEET AROUND ALL SIDES TO PERMIT NON-FIRE RATED EXTERIOR WALLS.

PER IBC SECTION 705.8.1(2), THERE IS NO LIMIT ON UNPROTECTED OPENINGS IN THE EXTERIOR WALLS WHEN THE EXTERIOR WALLS ARE NOT REQUIRED TO HAVE A FIRE RESISTANCE RATING.

MAINTENANCE SHOP:

DIRECTION	EXPOSURE	FIRE SEPARATION DISTANCE
NORTH:	25 FT TO MATERIAL STORAGE CANOPY	12 FT 6 IN
	40 FT 9 IN TO PARKING CANOPY	20 FT 5 IN
EAST:	8 FT 2 FT TO PROPERTY LINE	8 FT 2 IN
SOUTH:	2 FT 10 IN TO PROPERTY LINE	2 FT 10 IN
WEST:	14 FT 10 IN TO ADMINISTRATION BUILDING	4 FT 10 IN

PARKING CANOPY:

DIRECTION	EXPOSURE	FIRE SEPARATION DISTANCE
NORTH:	24 FT 5 IN FT TO AST/WASH RACK CANOPY	12 FT 3 IN
EAST:	25 FT 9 IN FT TO MATERIAL STORAGE CANOPY	12 FT 11 IN
SOUTH:	51 FT TO PARKING CANOPY	25 FT 6 IN
	40 FT 9 IN TO MAINTENANCE SHOP	20 FT 4 IN
WEST:	42 FT TO ADMINISTRATION BUILDING	21 FT

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:
IBC REQUIREMENTS FOR TYPE IIB CONSTRUCTION:

PRIMARY STRUCTURAL FRAME	0 HOURS
BEARING WALLS - EXTERIOR	0 HOURS
BEARING WALLS - INTERIOR	0 HOURS
NONBEARING INTERIOR WALLS AND PARTITIONS	0 HOURS
FLOOR CONSTRUCTION	0 HOURS
ROOF CONSTRUCTION	0 HOURS

FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, AND SMOKE PARTITIONS
MAINTENANCE SHOP:
FIRE WALLS: NONE
FIRE BARRIERS:
1-HR FIRE BARRIER FIRE RESISTANCE RATING ALONG THE EAST FACE OF THE MAINTENANCE SHOP AND 2-HR FIRE BARRIER FIRE RESISTANCE RATING ALONG THE SOUTH AND WEST FACE OF THE MAINTENANCE SHOP ARE REQUIRED PER IBC SECTION 705.

THE 1-HR FIRE BARRIER FIRE RESISTANCE RATING ALONG THE EAST FACE OF THE MAINTENANCE SHOP IS APPROXIMATELY 8 FT 8 INCH FROM PROPERTY LINE. THE MAXIMUM AREA OF UNPROTECTED OPENINGS WITH FIRE SEPARATION DISTANCE BETWEEN 5 FT AND 10 FT SHALL NOT EXCEED 25% OF EXTERIOR WALL PER IBC TABLE 705.8.

THE 2-HR FIRE BARRIER FIRE RESISTANCE RATING ALONG THE SOUTH FACE OF THE MAINTENANCE SHOP IS APPROXIMATELY 3 FT 4 INCH FROM PROPERTY LINE. THE MAXIMUM AREA OF UNPROTECTED OPENINGS WITH FIRE SEPARATION DISTANCE BETWEEN 3 FT AND 5 FT SHALL NOT EXCEED 15% OF EXTERIOR WALL PER IBC TABLE 705.8.

SECTION OF EXTERIOR WALL:	AREA OF EXTERIOR WALL:	TOTAL AREA OF UNPROTECTED OPENINGS:	AREA OF UNPROTECTED OPENINGS RELATIVE TO AREA OF EXTERIOR WALL:
SOUTH WALL (BTWN GRIDLINE S.N AND S.O)	640 SF	23.1 SF	23.1 SF / 640 SF = 0.036 0.036 * 100 = 3.61% 3.61% < 15%
SOUTH WALL (BTWN GRIDLINE S.O AND S.P)	640 SF	23.1 SF	23.1 SF / 640 SF = 0.036 0.036 * 100 = 3.61% 3.61% < 15%
SOUTH WALL, TOTAL	9,843 SF	46.1 SF	46.1 SF / 9,843 SF = 0.004 0.004* 100 = 0.468% 0.468% < 15%
EAST WALL (1-HR FIRE BARRIER)	198 SF	1 SF	1 SF / 198 SF = 0.005 0.005 * 100 = 0.5% 0.5% < 25%

FIRE PARTITIONS: NONE
SMOKE PARTITIONS: NONE
OTHER: NONE

PARKING CANOPY:
FIRE WALLS: NONE
FIRE BARRIERS: NONE
FIRE PARTITIONS: NONE
SMOKE PARTITIONS: NONE
OTHER: NONE

THROUGH PENETRATIONS (IBC SECTION 714):
PIPE, CONDUIT AND DUCT PENETRATIONS THROUGH FIRE-RESISTANCE RATED WALLS SHALL BE PROTECTED IN ACCORDANCE WITH IBC SECTION 714.4. APPROVED (e.g. UL LISTED) THROUGH PENETRATION FIRE STOP SYSTEMS SHALL HAVE AN F RATING OF NOT LESS THAN THE REQUIRED FIRE RESISTANCE RATING OF THE WALL PENETRATED (IBC SECTION 714.4.1.2).

PIPE, CONDUIT AND DUCT PENETRATIONS THROUGH FIRE-RESISTANCE RATED HORIZONTAL ASSEMBLIES SHALL BE PROTECTED IN ACCORDANCE WITH IBC SECTION 714.5. APPROVED (e.g. UL LISTED) THROUGH PENETRATION FIRE STOP SYSTEMS SHALL HAVE AN F-RATING/T-RATING OF NOT LESS THAN 1 HOUR BUT NOT LESS THAN THE REQUIRED RATING OF THE FLOOR PENETRATED, EXCEPT WHERE PERMITTED TO BE OMITTED (IBC SECTION 714.5.1.2).

OPENING PROTECTIVES (IBC TABLE 716.1(3)):
NOT REQUIRED.

FIRE DAMPERS (IBC SECTION 717):
FIRE BARRIERS: NOT APPLICABLE.
SHAFTS: REQUIRED EXCEPT FOR STEEL EXHAUST SUBDUCTS EXTENDING AT LEAST 22 INCHES VERTICALLY IN EXHAUST SHAFTS WITH CONTINUOUS AIRFLOW UPWARD TO THE OUTSIDE (IBC SECTION 717.5.3 EXCEPTION 1.1).
FIRE PARTITIONS: NOT APPLICABLE.
CORRIDORS: NOT REQUIRED. CORRIDORS ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED.
HORIZONTAL ASSEMBLIES: NOT APPLICABLE.

SMOKE DAMPERS (IBC SECTION 717):
SHAFTS: NOT APPLICABLE.
CORRIDORS: NOT REQUIRED FOR DUCTS AND AIR TRANSFER OPENINGS, IBC SECTIONS 717.5.4.1 SUBSECTIONS 1 THRU 3 DO NOT APPLY TO THIS BUILDING. CORRIDORS ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED.
SMOKE BARRIERS: NOT APPLICABLE.
SMOKE PARTITIONS: NOT APPLICABLE.

NEW INTERIOR WALL AND CEILING FINISH IN SPRINKLERED BUILDING (IBC TABLE 803.13):
MAINTENANCE SHOP AND PARKING CANOPY: MIXED OCCUPANCY

	EXIT ENCLOSURE AND PASSAGEWAYS:	CORRIDORS	ROOMS
GROUP F-1	CLASS C	CLASS C	CLASS C
GROUP S-1	CLASS C	CLASS C	CLASS C

MEANS OF EGRESS:
MEANS OF EGRESS WILL MEET THE REQUIREMENTS OF IBC CHAPTER 10.

OCCUPANT LOAD WILL BE CALCULATED USING IBC TABLE 1004.5 OCCUPANT LOAD FACTORS (OLF), EXCEPT AS NOTED, OR BY USING AN ASSIGNED MAXIMUM PROBABLE OCCUPANT LOAD.

ACCESSORY (STORAGE AREAS, MECH EQUIPMENT ROOM, SIMILAR SPACES):	300 SF GROSS
WAREHOUSE:	500 SF GROSS
PARKING GARAGES:	200 SF GROSS
INDUSTRIAL:	100 SF GROSS

REQUIRED CAPACITY OF EXITS:
0.2 INCHES PER OCCUPANT FOR LEVEL COMPONENTS
0.3 IN PER OCCUPANT FOR STAIR COMPONENTS

CAPACITY OF EXITS:

SINGLE 36 INCH DOOR, NET 32 INCH EXIT WIDTH:	160 OCCUPANTS
SINGLE 47 IN DOOR, NET 43 IN EXIT WIDTH:	215 OCCUPANTS

MAINTENANCE SHOP:

HORIZONTAL EXIT COMPONENT:	PROVIDED:	ALLOWABLE:	ACTUAL:
GROUND FLOOR:	494 IN	2470 OCC.	101 OCC.

PARKING CANOPY:

HORIZONTAL EXIT COMPONENT:	PROVIDED:	ALLOWABLE:	ACTUAL:
GROUND FLOOR:	8186 IN	40930 OCC.	89 OCC.

MINIMUM NUMBER OF EXITS: ALL AREAS REQUIRED TO HAVE ACCESS TO AT LEAST 2 EXITS OR EXIT ACCESS DOORWAYS WHERE THE OCCUPANT LOAD OR COMMON PATH OF EGRESS TRAVEL DISTANCE EXCEEDS THE VALUES LISTED IN IBC TABLE 1006.2.1.

ARRANGEMENT OF EXITS:
MAINTENANCE SHOP, SPRINKLERED:

OCCUPANCY GROUP:	MAX ALLOW.COMMON PATH OF TRAVEL:	ACTUAL COMMON PATH OF TRAVEL:
GROUP F-1:	100 FT	83 FT
GROUP S-1	100 FT	96 FT

OCCUPANCY GROUP:	MAX ALLOW. EXIT ACCESS TRAVEL DISTANCE:	ACTUAL EXIT ACCESS TRAVEL DISTANCE:
GROUP F-1:	250 FT	93 FT
GROUP S-1:	250 FT	133 FT

OCCUPANCY GROUP:	MAX ALLOW. DEAD END:	ACTUAL DEAD END:
GROUP F-1:	50 FT	NONE
GROUP S-1:	50 FT	NONE

PARKING CANOPY, SPRINKLERED:

OCCUPANCY GROUP:	MAX ALLOW.COMMON PATH OF TRAVEL:	ACTUAL COMMON PATH OF TRAVEL:
GROUP S-1	100 FT	NONE

OCCUPANCY GROUP:	MAX ALLOW. EXIT ACCESS TRAVEL DISTANCE:	ACTUAL EXIT ACCESS TRAVEL DISTANCE:
GROUP S-1:	250 FT	32 FT

OCCUPANCY GROUP:	MAX ALLOW. DEAD END:	ACTUAL DEAD END:
GROUP S-1:	50 FT	NONE

ACCESSIBLE MEANS OF EGRESS:
GROUND FLOOR ACCESSIBLE MEANS OF EGRESS IS PROVIDED BY EXIT DOORS THAT DISCHARGE AT GRADE LEVEL TO THE EXTERIOR BUILDING. EXTERIOR WALKWAYS ARE PROVIDED TO REACH THE PUBLIC WAY ALONG ROAD NO. 2.

CLEAR WIDTH OF 48 INCHES BETWEEN HANDRAILS IS NOT REQUIRED IN BUILDINGS PROTECTED BY FIRE SPRINKLERS, IBC SECTION 1009.3 EXCEPTION 1. AREA OF REFUGE ARE NOT REQUIRED AT STAIRWAYS IN BUILDINGS PROTECTED BY FIRE SPRINKLERS, IBC SECTION 1009.3 EXCEPTION 2.

HAZARDOUS MATERIALS:
THE STORAGE, USE, AND HANDLING OF STORAGE MATERIALS SHALL BE IN ACCORDANCE WITH NFPA 400 (2019).

FIRE ALARM AND DETECTION SYSTEM:
MAINTENANCE SHOP:
REQUIRIED PER NFPA 1 SECTION 13.7.

PARKING CANOPY:
NOT REQUIRED PER IBC SECTION 907 OR NFPA 1 SECTION 13.7.

FIRE SPRINKLER SYSTEM:
MAINTENANCE SHOP AND PARKING CANOPY:
REQUIRED PER IBC SECTION 903. A WET PIPE FIRE SPRINKLER SYSTEM WILL BE PROVIDED THROUGHOUT THE BUILDINGS LISTED ABOVE.

PORTABLE FIRE EXTINGUISHERS:
MAINTENANCE SHOP, PARKING CANOPY AND AST/WASH RACK CANOPY:
REQUIRED PER NFPA 1. PORTABLE FIRE EXTINGUISHERS LISTED FOR CLASS A, B, AND C FIRES SHALL BE PROVIDED THROUGHOUT IN ACCORDANCE WITH NFPA 1 AND 10.

REFER TO ARCH SHEET A-151 FOR FIRE EXINTGUISHER LOCATION SERVING THE AST/WASH RACK CANOPY.

STANDPIPE SYSTEM:
NOT REQUIRED, NOT PROVIDED.

WATER SUPPLY FOR FIRE PROTECTION:
MINIMUM 2,000 GPM AT 20 PSI MUST BE PROVIDED, PER BWS TABLE 100-19 FIRE FLOW REQUIREMENTS.

WATER SUPPLY INFORMATION (BOARD OF WATER SUPPLY LETTER DATED 6/02/2023 FOR WATER SUPPLY ALONG AUIKI ST):

LOCATION:	FH #M05589
STATIC PRESSURE:	76 PSI
RESIDUAL PRESSURE:	58 PSI
FLOW AT RESIDUAL PRESSURE:	4,000 GPM

MAXIMUM DISTANCE TO A FIRE HYDRANT FROM THE CLOSEST POINT ON THE BUILDING SHALL NOT EXCEED 400 FT (NFPA 1 SECTION 18.5.3(1)). NEW ON-SITE PRIVATE FIRE HYDRANT IS LOCATED APPROXIMATELY 107 FT FROM MAINTENANCE SHOP AND APPROXIMATELY 30 FT FROM PARKING CANOPY. ALL DISTANCES LISTED ARE MEASURED ALONG AN ACCESSIBLE ROUTE.

FIRE DEPARTMENT ACCESS:
FIRE DEPARTMENT ACCESS ROAD REQUIRED TO EXTEND WITHIN 50 FT OF AT LEAST ONE EXTERIOR DOOR THAT CAN BE OPENED FROM OUTSIDE AND PROVIDE ACCESS TO INTERIOR OF BUILDING (NFPA 1 SECTION 18.2.3.2.1).

ALL PORTIONS OF EXTERIOR WALLS SHALL BE WITHIN 450 FT OF FIRE DEPARTMENT ACCESS ROADS FOR BUILDINGS WITH FIRE SPRINKLERS (NFPA 1 SECTION 18.2.3.2.2.1).

APPROVED FIRE DEPARTMENT ACCESS ROADS SHALL BE PROVIDED FOR EVERY FACILITY, BUILDING, OR PORTION OF A BUILDING HEREAFTER CONSTRUCTED OR RELOCATED (NFPA 1 SECTION 18.2.3.1.1). THE BUILDING COMPLIES WITH FIRE DEPARTMENT REQUIREMENTS FOR ACCESS TO A BUILDING.

ABOVEGROUND STORAGE TANK:
THE DISTANCE FROM THE NEAREST PROPERTY LINE TO THE UL 2085 RATED ABOVEGROUND TANKS IS 48 FT 8 INCH, THE DISTANCE FROM THE NEAREST IMPORTANT BUILDING TO THE PROTECTED ABOVEGROUND TANKS IS 30 FT, THE SHELL-TO-SHELL SPACING BETWEEN THE PROTECTED ABOVEGROUND STORAGE TANKS IS 3 FT 4 INCH, AND THE BOLLARDS SHALL BE PROVIDED WHERE TANKS ARE LOCATED ALONG VEHICLE ACCESS ROUTES AND SPACED 3 FT 6 INCH ON CENTER. THE PROTECTED ABOVEGROUND STORAGE TANKS IS SITUATED UNDER THE AST/WASH RACK CANOPY AND WILL BE CONSIDERED A CANOPY INTENDED FOR PROVIDING WEATHER PROTECTION. ABOVEGROUND STORAGE TANK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH 40 CFR PART 112.

FUEL DISPENSING DEVICE:
THE PROTECTED ABOVEGROUND STORAGE TANKS STORING HIGHWAY DIESEL (CLASS II COMBUSTIBLE LIQUID) AND UNLEADED GASOLINE (CLASS IB FLAMMABLE LIQUID) WILL BE DISPENSED TO MOTOR VEHICLES OPERATED BY HARBORS DIVISION. THE DISTANCE TO FUEL FROM TO THE NEAREST PROPERTY LINE TO THE DISPENSING DEVICES IS 56 FT 2 INCH, THE DISTANCE FROM THE NEAREST IMPORTANT BUILDING TO THE PROTECTED ABOVEGROUND STORAGE TANKS IS 28 FT, THE FULLY EXTENDED NOZZLE DOES NOT REACH WITHIN 5 FT OF BUILDING OPENINGS, AND SUCH THAT ALL PARTS OF THE VEHICLE IS ON THE PREMISES OF THE SERVICE STATION. THE DISPENSING DEVICES IS SITUATED ON AND SURROUNDED BY CONCRETE PAVEMENT.

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EXP 4-30-28

THERMAL ENGINEERING CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
BUILDING CODE COMPLIANCE AND SUMMARY

DESIGNED BY:	JMA
DRAWN BY:	TEC
CHECKED BY:	SSA
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER P10981

SHEET G-001
9 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

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BUILDING AND FIRE CODE COMPLIANCE SUMMARY - ADMINISTRATION BUILDING AND MATERIAL STORAGE CANOPY

APPLICABLE CODES:
NFPA 1, FIRE CODE, 2021, AS AMENDED
NFPA 10, STANDARD FOR PORTABLE FIRE EXTINGUISHERS, 2018
NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2019
NFPA 24, STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES, 2019
NFPA 30, FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE, 2021
NFPA 30A, CODE FOR MOTOR FUEL DISPENSING FACILITIES AND REPAIR GARAGES, 2021
NFPA 37, STANDARD FOR THE INSTALLATION AND USE OF STATIONARY COMBUSTION ENGINES AND GAS TURBINES, 2021
NFPA 70, NATIONAL ELECTRICAL CODE, 2020, AS AMENDED
NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2019
NFPA 110, STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS, 2019

IBC, INTERNATIONAL BUILDING CODE (IBC), INTERNATIONAL CODE COUNCIL, 2021, AS AMENDED
WATER SYSTEM STANDARDS, STATE OF HAWAII, 2002, REV 2/9/22

OCCUPANCY CLASSIFICATION:
ADMINISTRATION BUILDING: MIXED USE NON-SEPARATED OCCUPANCIES
BUSINESS B OFFICES AND ASSEMBLY AREAS NOT EXCEEDING 750 SF
GROUP A-3 ASSEMBLY

MATERIAL STORAGE CANOPY: SINGLE USE OCCUPANCY
GROUP S-1 STORAGE

TYPE OF CONSTRUCTION:
ADMINISTRATION BUILDING: TYPE II-B CONSTRUCTION
MATERIAL STORAGE CANOPY: TYPE II-B CONSTRUCTION

ALLOWABLE AREA AND HEIGHT:
ADMINISTRATION BUILDING, UNSPRINKLERED

OCCUPANCY GROUP:	ALLOWABLE AREA	INCREASED AREA WITH FRONTAGE:	ALLOWABLE HEIGHT:	ALLOWABLE STORIES ABOVE GROUP PLANE:
GROUP B	23,000 SF	34,500 SF	55 FT	3 STORIES
GROUP A-3:	9,500 SF	*14,250 SF	**55 FT	***2 STORIES

ACTUAL BUILDING AREA/*MOST RESTRICTIVE ALLOWABLE AREA: 8,485 SF/14,250 SF
ACTUAL HEIGHT, ROOF PEAK/**MOST RESTRICTIVE ALLOWABLE HEIGHT: 14 FT 11 IN/55 FT
ACTUAL NUMBER OF STORIES/***MOST RESTRICTIVE ALLOWABLE STORIES: 1 STORY/2 STORIES

MATERIAL STORAGE CANOPY, UNSPRINKLERED

OCCUPANCY GROUP:	ALLOWABLE AREA:	ALLOWABLE HEIGHT:	ALLOWABLE STORIES ABOVE GROUP PLANE:
GROUP S-1	*17,500 SF	**55 FT	***2 STORIES

ACTUAL BUILDING AREA/*MOST RESTRICTIVE ALLOWABLE AREA: 5,236 SF/17,500 SF
ACTUAL HEIGHT, ROOF PEAK/**MOST RESTRICTIVE ALLOWABLE HEIGHT: 21 FT 8 IN/55 FT
ACTUAL NUMBER OF STORIES/***MOST RESTRICTIVE ALLOWABLE STORIES: 1 STORY/2 STORIES

BUILDING EXPOSURES:
IBC TABLE 602 REQUIRES 10 FEET AROUND ALL SIDES TO PERMIT NON-FIRE RATED EXTERIOR WALLS.

PER IBC SECTION 705.8.1(2), THERE IS NO LIMIT ON UNPROTECTED OPENINGS IN THE EXTERIOR WALLS WHEN THE EXTERIOR WALLS ARE NOT REQUIRED TO HAVE A FIRE RESISTANCE RATING.

ADMINISTRATION BUILDING:

DIRECTION	EXPOSURE	FIRE SEPARATION DISTANCE
NORTH:	PARKING AREA	OPEN AREA
EAST:	14 FT 10 IN TO MAINTENANCE SHOP	10 FT
	41 FT 10 IN TO PARKING CANOPY	20 FT 11 IN
SOUTH:	10 FT 5 IN TO PROPERTY LINE	10 FT 5 IN
WEST:	20 FT 2 IN TO PROPERTY LINE	20 FT 2 IN

MATERIAL STORAGE CANOPY:

DIRECTION	EXPOSURE	FIRE SEPARATION DISTANCE
NORTH:	44 FT 2 IN FT TO PROPERTY LINE	44 FT 2 IN
EAST:	50 FT 6 IN TO PROPERTY LINE	25 FT 3 IN
SOUTH:	25 FT TO MAINTENANCE SHOP	12 FT 6 IN
WEST:	25 FT 9 IN TO PARKING CANOPY	12 FT 10 IN

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:
IBC REQUIREMENTS FOR TYPE IIB CONSTRUCTION:

PRIMARY STRUCTURAL FRAME	0 HOURS
BEARING WALLS - EXTERIOR	0 HOURS
BEARING WALLS - INTERIOR	0 HOURS
NONBEARING INTERIOR WALLS AND PARTITIONS	0 HOURS
FLOOR CONSTRUCTION	0 HOURS
ROOF CONSTRUCTION	0 HOURS

FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, AND SMOKE PARTITIONS
ADMINISTRATION BUILDING AND MATERIAL STORAGE CANOPY:
FIRE WALLS: NONE
FIRE BARRIERS: NONE
FIRE PARTITIONS:
1-HR FIRE PARTITION FIRE RESISTANCE RATING SERVING THE CORRIDOR WILL BE REQUIRED PER IBC SECTION 1020.2.
SMOKE PARTITIONS: NONE
OTHER: NONE

THROUGH PENETRATIONS (IBC SECTION 714):
PIPE, CONDUIT AND DUCT PENETRATIONS THROUGH FIRE-RESISTANCE RATED WALLS SHALL BE PROTECTED IN ACCORDANCE WITH IBC SECTION 714.4. APPROVED (e.g. UL LISTED) THROUGH PENETRATION FIRE STOP SYSTEMS SHALL HAVE AN F RATING OF NOT LESS THAN THE REQUIRED FIRE RESISTANCE RATING OF THE WALL PENETRATED (IBC SECTION 714.4.1.2).

PIPE, CONDUIT AND DUCT PENETRATIONS THROUGH FIRE-RESISTANCE RATED HORIZONTAL ASSEMBLIES SHALL BE PROTECTED IN ACCORDANCE WITH IBC SECTION 714.5. APPROVED (e.g. UL LISTED) THROUGH PENETRATION FIRE STOP SYSTEMS SHALL HAVE AN F-RATING/T-RATING OF NOT LESS THAN 1 HOUR BUT NOT LESS THAN THE REQUIRED RATING OF THE FLOOR PENETRATED, EXCEPT WHERE PERMITTED TO BE OMITTED (IBC SECTION 714.5.1.2).

OPENING PROTECTIVES (IBC TABLE 716.1(3)):
1-HR FIRE PARTITION (CORRIDOR): 1/3-HR FIRE DOOR

FIRE DAMPERS (IBC SECTION 717):
FIRE BARRIERS: NOT APPLICABLE.
SHAFTS: REQUIRED EXCEPT FOR STEEL EXHAUST SUBDUCTS EXTENDING AT LEAST 22 INCHES VERTICALLY IN EXHAUST SHAFTS WITH CONTINUOUS AIRFLOW UPWARD TO THE OUTSIDE (IBC SECTION 717.5.3 EXCEPTION 1.1).
FIRE PARTITIONS: NOT APPLICABLE.
CORRIDORS: FIRE DAMPERS ARE REQUIRED. CORRIDORS ARE REQUIRED TO BE FIRE-RESISTANCE RATED PER IBC SECTION 1020.2.
HORIZONTAL ASSEMBLIES: NOT APPLICABLE.

SMOKE DAMPERS (IBC SECTION 717):
SHAFTS: NOT APPLICABLE.
CORRIDORS: NOT REQUIRED FOR DUCTS AND AIR TRANSFER OPENINGS, IBC SECTIONS 717.5.4.1 SUBSECTIONS 3 APPLY TO THIS BUILDING. CORRIDOR DAMPERS WITH A SMOKE RATING ARE NOT REQUIRED
SMOKE BARRIERS: NOT APPLICABLE.
SMOKE PARTITIONS: NOT APPLICABLE.

NEW INTERIOR WALL AND CEILING FINISH IN UNSPRINKLERED BUILDING (IBC TABLE 803.13):
ADMINISTRATION BUILDING: MIXED OCCUPANCY

	EXIT ENCLOSURE AND PASSAGEWAYS	CORRIDORS	ROOMS
GROUP B	CLASS A	CLASS B	CLASS C
GROUP A-3	CLASS A	CLASS A	CLASS C

MATERIAL STORAGE CANOPY: SINGLE USE OCCUPANCY

	EXIT ENCLOSURE AND PASSAGEWAYS	CORRIDORS	ROOMS
GROUP S-1	CLASS B	CLASS B	CLASS C

MEANS OF EGRESS:
MEANS OF EGRESS WILL MEET THE REQUIREMENTS OF IBC CHAPTER 10.

OCCUPANT LOAD WILL BE CALCULATED USING IBC TABLE 1004.5 OCCUPANT LOAD FACTORS (OLF), EXCEPT AS NOTED, OR BY USING AN ASSIGNED MAXIMUM PROBABLE OCCUPANT LOAD.

ACCESSORY (STORAGE AREAS, MECH EQUIPMENT ROOM, SIMILAR SPACES):	300 SF GROSS
ASSEMBLY, UNCONCENTRATED:	15 SF NET
BUSINESS USE (GENERAL):	150 SF GROSS
LOCKER ROOMS:	50 SF GROSS
WAREHOUSE:	500 SF GROSS

REQUIRED CAPACITY OF EXITS:
0.2 INCHES PER OCCUPANT FOR LEVEL COMPONENTS

CAPACITY OF EXITS:
SINGLE 36 INCH DOOR, NET 32 INCH EXIT WIDTH: 160 OCCUPANTS

ADMINISTRATION BUILDING:

HORIZONTAL EXIT COMPONENT:	PROVIDED:	ALLOWABLE:	ACTUAL:
GROUND FLOOR:	224 IN	1120 OCC.	167 OCC.

MATERIAL STORAGE CANOPY:

HORIZONTAL EXIT COMPONENT:	PROVIDED:	ALLOWABLE:	ACTUAL:
GROUND FLOOR:	496 IN	2480 OCC.	11 OCC.

MINIMUM NUMBER OF EXITS: ALL AREAS REQUIRED TO HAVE ACCESS TO AT LEAST 2 EXITS OR EXIT ACCESS DOORWAYS WHERE THE OCCUPANT LOAD OR COMMON PATH OF EGRESS TRAVEL DISTANCE EXCEEDS THE VALUES LISTED IN IBC TABLE 1006.2.1.

ARRANGEMENT OF EXITS:
ADMINISTRATION BUILDING, UNSPRINKLERED:

OCCUPANCY GROUP:	MAX ALLOW.COMMON PATH OF TRAVEL:	ACTUAL COMMON PATH OF TRAVEL:
GROUP B:	100 FT	26 FT
GROUP A-3	75 FT	9 FT

OCCUPANCY GROUP:	MAX ALLOW. EXIT ACCESS TRAVEL DISTANCE:	ACTUAL EXIT ACCESS TRAVEL DISTANCE:
GROUP B:	200 FT	77 FT
GROUP A-3:	200 FT	78 FT

OCCUPANCY GROUP:	MAX ALLOW. DEAD END	ACTUAL DEAD END:
GROUP B:	NONE	NONE
GROUP A-3:	NONE	NONE

MATERIAL STORAGE CANOPY, UNSPRINKLERED:

OCCUPANCY GROUP:	MAX ALLOW.COMMON PATH OF TRAVEL:	ACTUAL COMMON PATH OF TRAVEL:
GROUP S-1	100 FT	NONE

OCCUPANCY GROUP:	MAX ALLOW. EXIT ACCESS TRAVEL DISTANCE:	ACTUAL EXIT ACCESS TRAVEL DISTANCE:
GROUP S-1:	200 FT	51 FT

OCCUPANCY GROUP:	MAX ALLOW. DEAD END:	ACTUAL DEAD END:
GROUP S-1:	NONE	NONE

ACCESSIBLE MEANS OF EGRESS:
GROUND FLOOR ACCESSIBLE MEANS OF EGRESS IS PROVIDED BY EXIT DOORS THAT DISCHARGE AT GRADE LEVEL TO THE EXTERIOR BUILDING. EXTERIOR WALKWAYS ARE PROVIDED TO REACH THE PUBLIC WAY ALONG ROAD NO. 2.

FIRE ALARM AND DETECTION SYSTEM:
ADMINISTRATION BUILDING:
PROVIDED, SEE ELECTRICAL BASIS OF DESIGN.
MATERIAL STORAGE CANOPY:
NOT REQUIRED PER NFPA 1 SECTION 13.7.

FIRE SPRINKLER SYSTEM:
ADMINISTRATION BUILDING AND MATERIAL STORAGE CANOPY:
NOT REQUIRED PER IBC SECTION 903. A WET PIPE FIRE SPRINKLER SYSTEM WILL NOT BE PROVIDED THROUGHOUT THE BUILDINGS LISTED ABOVE.

WATER SUPPLY FOR FIRE PROTECTION:
MINIMUM 2,000 GPM AT 20 PSI MUST BE PROVIDED, PER BWS TABLE 100-19 FIRE FLOW REQUIREMENTS.

WATER SUPPLY INFORMATION (BOARD OF WATER SUPPLY LETTER DATED 6/02/2023 FOR WATER SUPPLY ALONG AUIKI ST):

LOCATION:	FH #M05589
STATIC PRESSURE:	76 PSI
RESIDUAL PRESSURE:	58 PSI
FLOW AT RESIDUAL PRESSURE:	4,000 GPM

MAXIMUM DISTANCE TO A FIRE HYDRANT FROM THE CLOSEST POINT ON THE BUILDING SHALL NOT EXCEED 400 FT (NFPA 1 SECTION 18.5.3(1)). NEW ON-SITE PRIVATE FIRE HYDRANT IS LOCATED APPROXIMATELY 39 FT FROM ADMINISTRATION BUILDING. EXISTING FIRE HYDRANT FH #M07863 IS LOCATED APPROXIMATELY 193 FT FROM MATERIAL STORAGE CANOPY. ALL DISTANCES LISTED ARE MEASURED ALONG AN ACCESSIBLE ROUTE.

PORTABLE FIRE EXTINGUISHERS:
REQUIRED PER NFPA 1. PORTABLE FIRE EXTINGUISHERS LISTED FOR CLASS A, B, AND C FIRES SHALL BE PROVIDED THROUGHOUT IN ACCORDANCE WITH NFPA 1 AND 10.

STANDPIPE SYSTEM:
NOT REQUIRED, NOT PROVIDED.

FIRE DEPARTMENT ACCESS:
FIRE DEPARTMENT ACCESS ROAD REQUIRED TO EXTEND WITHIN 50 FT OF AT LEAST ONE EXTERIOR DOOR THAT CAN BE OPENED FROM OUTSIDE AND PROVIDE ACCESS TO INTERIOR OF BUILDING (NFPA 1 SECTION 18.2.3.2.1).

ALL PORTIONS OF EXTERIOR WALLS SHALL BE WITHIN 450 FT OF FIRE DEPARTMENT ACCESS ROADS FOR BUILDINGS WITH FIRE SPRINKLERS (NFPA 1 SECTION 18.2.3.2.2.1).

APPROVED FIRE DEPARTMENT ACCESS ROADS SHALL BE PROVIDED FOR EVERY FACILITY, BUILDING, OR PORTION OF A BUILDING HEREAFTER CONSTRUCTED OR RELOCATED (NFPA 1 SECTION 18.2.3.1.1). THE BUILDING COMPLIES WITH FIRE DEPARTMENT REQUIREMENTS FOR ACCESS TO A BUILDING.

APPROVED FIRE DEPARTMENT ACCESS ROADS SHALL BE PROVIDED FOR EVERY FACILITY, BUILDING, OR PORTION OF A BUILDING HEREAFTER CONSTRUCTED OR RELOCATED (NFPA 1 SECTION 18.2.3.1.1). THE BUILDING COMPLIES WITH FIRE DEPARTMENT REQUIREMENTS FOR ACCESS TO A BUILDING.

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EXP 4-30-28

THERMAL ENGINEERING CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
BUILDING CODE COMPLIANCE AND SUMMARY

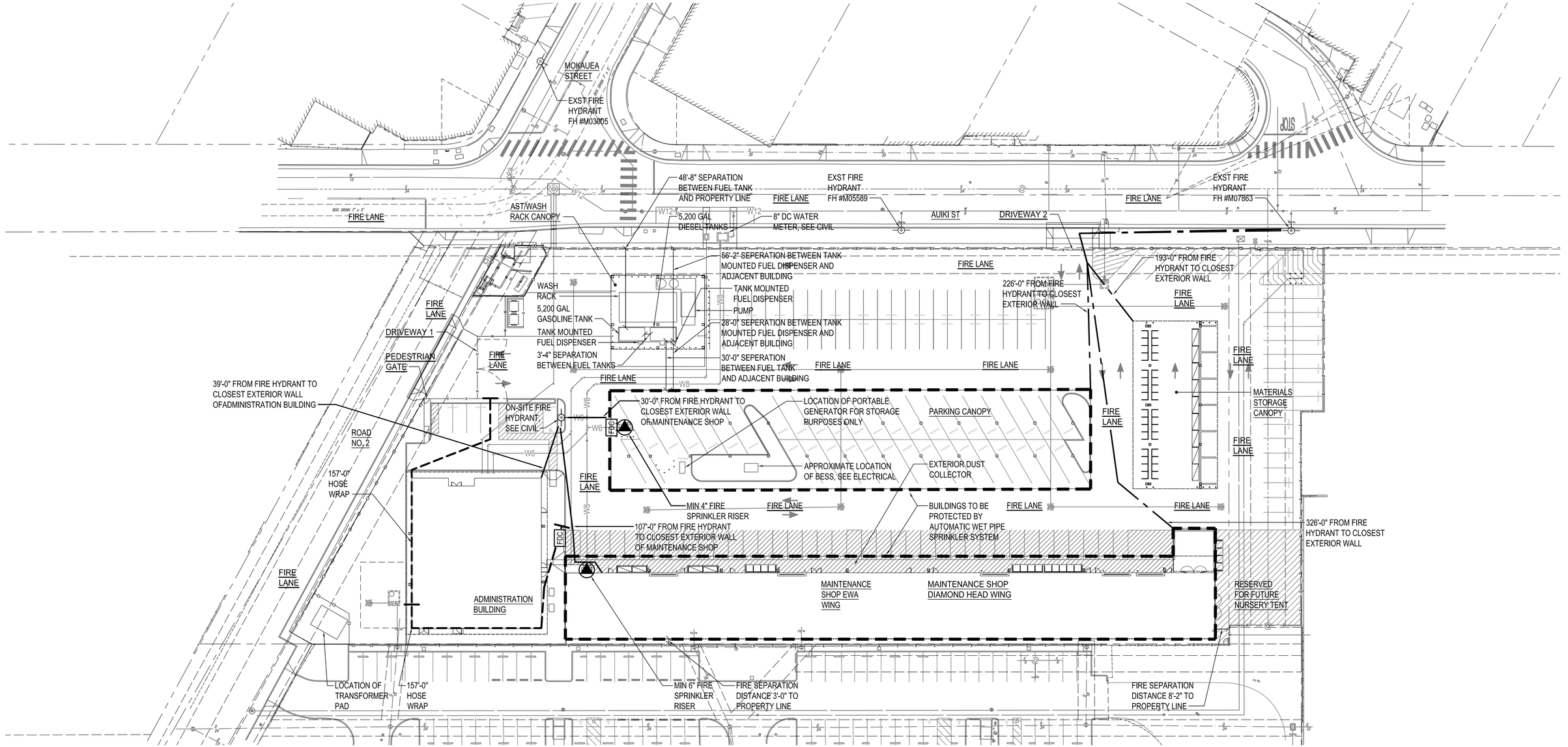
DESIGNED BY:	JMA
DRAWN BY:	TEC
CHECKED BY:	SSA
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
G-002
10 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

G:\2023\23016 Oahu District Baseyard Relocation\Drawings\running set\G-003 LIFE SFTY SITE PLN.dwg, 9/4/2026 5:46:07 PM, michael, Bluebeam PDF



1 LIFE SAFETY SITE PLAN
1" = 30'-0"

LEGEND

- EXISTING FIRE HYDRANT
- HOSE WRAP DISTANCE
- FDC — FIRE DEPARTMENT CONNECTION
- FIRE SPRINKLER RISER

PLAN NORTH

0 30' 60'
SCALE: 1" = 30'-0"

REVISION	DATE	DESCRIPTION	BY	APPROVED

CARLEY S. NAKAGAWA — LICENSED PROFESSIONAL ENGINEER — No. 16319—M — HAWAII, U.S.A.

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EXP 4-30-28

THERMAL ENGINEERING CORPORATION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
LIFE SAFETY SITE PLAN

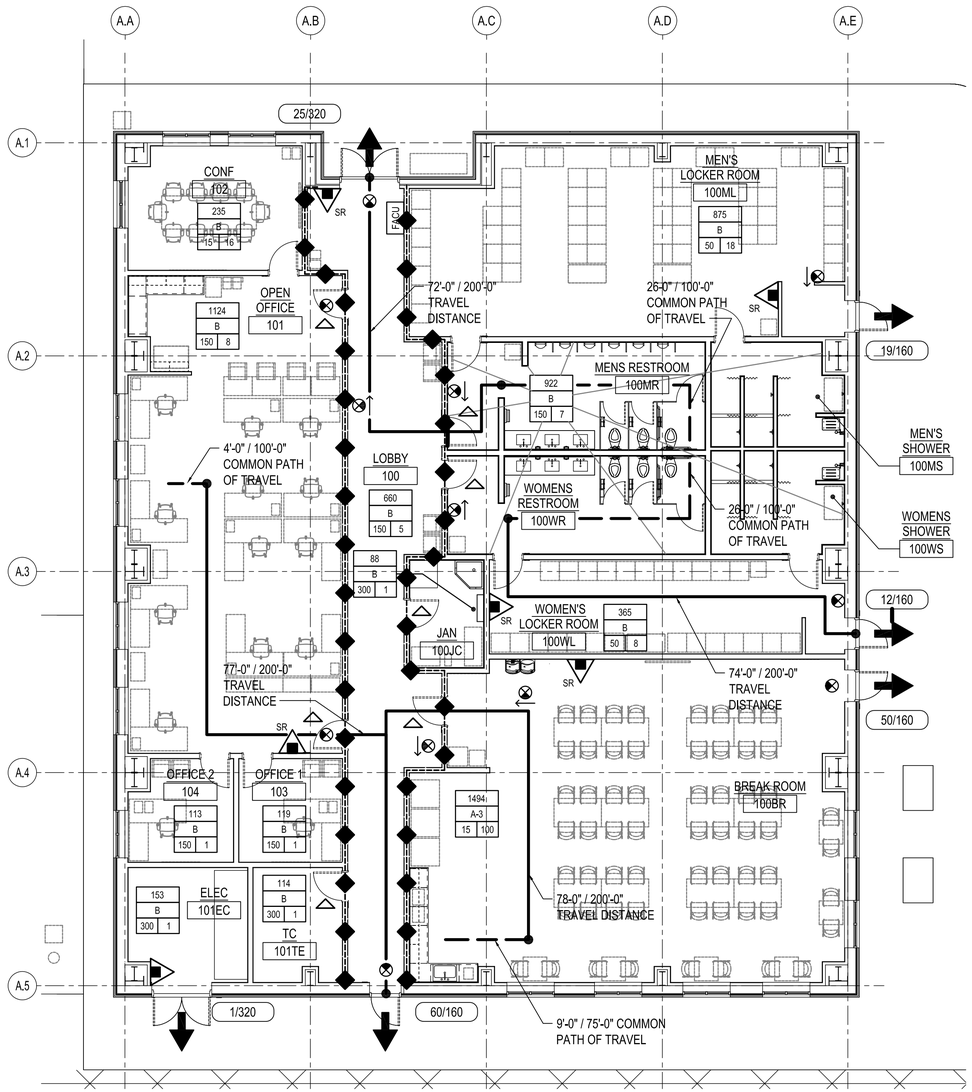
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DRAWN BY:	TEC
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DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER P10981

SHEET G-003
11 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

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1 ADMIN BUILDING LIFE SAFETY PLAN

1/8" = 1'-0"

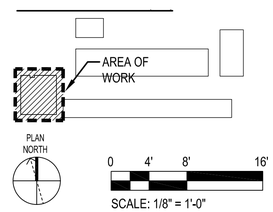
LEGEND:

- XX/XX — ASSIGNED OCCUPANT LOAD/ MAX CAPACITY
- DESIGNATED EXITS
- COMMON PATH OF TRAVEL
- EXIT/EXIT ACCESS TRAVEL PATH
- WET PIPE SPRINKLER RISER
- BRACKET MOUNTED PORTABLE 10LB MULTI-PURPOSE FIRE EXTINGUISHER
- SR — PORTABLE 10LB MULTI-PURPOSE FIRE EXTINGUISHER IN SEMI-RECESSED FIRE EXTINGUISHER CABINET
- ILLUMINATED EXIT SIGN, SEE ELECTRICAL FOR EXACT LOCATION
- SF / GROUP / XX / X — AREA IN SF; OCCUPANCY GROUP; OCCUPANCY LOAD; OCCUPANCY LOAD FACTOR
- FACU — FIRE ALARM CONTROL UNIT
- 1 HOUR FIRE RATED PARTITION
- 20-MIN FIRE RATED DOOR

OCCUPANT (OCC.) LOAD TABLE

ROOM NUMBER	AREA NAME	OCC. TYPE	AREA (SF)	OCC. CLASSIFICATION		OCC. LOAD	# OF EXIT ACCESS
				AREA PER OCCUPANT	NET/GROSS		
100	LOBBY	B	660	150	GROSS	5	2
100JC	JAN	B	88	300	GROSS	1	1
100ML	MEN'S LOCKER ROOM	B	875	50	GROSS	18	1
100WL	WOMEN'S LOCKER ROOM	B	365	50	GROSS	8	1
100MR	MEN'S RESTROOM	B	922	150	GROSS	7	1
100WR	WOMEN'S RESTROOM						
100MS	MEN'S SHOWER						
100WS	WOMEN'S SHOWER						
100BR	BREAK ROOM	A-3	1494	15	NET	100	2
101	OPEN OFFICE	B	1124	150	GROSS	8	2
101EC	ELEC	B	153	300	GROSS	1	1
101TE	TC	B	114	300	GROSS	1	1
102	CONF	B	235	15	NET	16	1
103	OFFICE 1	B	119	150	GROSS	1	1
104	OFFICE 2	B	113	150	GROSS	1	1

GND FLR	ADMINISTRATION BUILDING, TOTAL	B, A-3	6262	VARIES	VARIES	167	VARIES



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

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REVISION	DATE	DESCRIPTION	BY	APPROVED

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HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
ADMIN BUILDING LIFE SAFETY PLAN

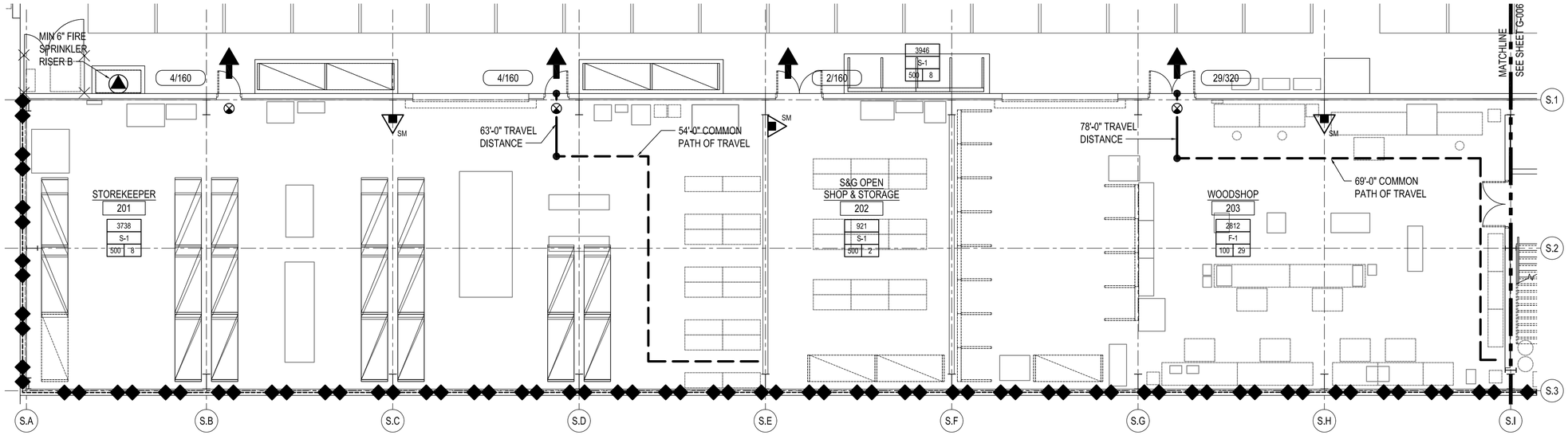
DESIGNED BY:	JMA
DRAWN BY:	TEC
CHECKED BY:	SSA
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
G-004
12 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

G:\2023\23016 Oahu District Baseyard Relocation\Drawings\running set\G-005 MNT SH EWA WG LIFE SFTY PLN.dwg, 9/4/2026 5:46:23 PM, michael, Bluebeam PDF



1 MAINTENANCE SHOP EWA WING LIFE SAFETY PLAN

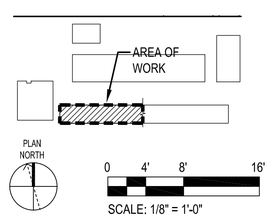
1/8" = 1'-0"

LEGEND:

- XX/XX — ASSIGNED OCCUPANT LOAD/ MAX CAPACITY
- DESIGNATED EXITS
- COMMON PATH OF TRAVEL
- EXIT/EXIT ACCESS TRAVEL PATH
- WET PIPE SPRINKLER RISER
- SM — PORTABLE 10LB MULTI-PURPOSE FIRE EXTINGUISHER IN SURFACE MOUNTED FIRE EXTINGUISHER CABINET
- ILLUMINATED EXIT SIGN, SEE ELECTRICAL FOR EXACT LOCATION
- SF / GROUP / XX X — AREA IN SF; OCCUPANCY GROUP; OCCUPANCY LOAD; OCCUPANCY LOAD FACTOR
- 2 HOUR FIRE RATED BARRIER

OCCUPANT (OCC.) LOAD TABLE

ROOM NUMBER	AREA NAME	OCC. TYPE	AREA (SF)	OCC. CLASSIFICATION		OCC. LOAD	# OF EXIT ACCESS
				AREA PER OCCUPANT	NET/GROSS		
201	STOREKEEPER	S-1	3738	500	GROSS	8	2
202	S&G OPEN SHOP & STORAGE	S-1	921	500	GROSS	2	1
203	WOODSHOP	F-1	2812	100	GROSS	29	1
-	OUTDOOR STORAGE AREA	S-1	1970	500	GROSS	8	-
GND FLR	MAINTENANCE SHOP EWA WING, TOTAL	S-1, F-1	9441	VARIES	GROSS	47	VARIES



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EXP 4-30-28

THERMAL ENGINEERING CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
MAINTENANCE SHOP EWA WING LIFE SAFETY PLAN

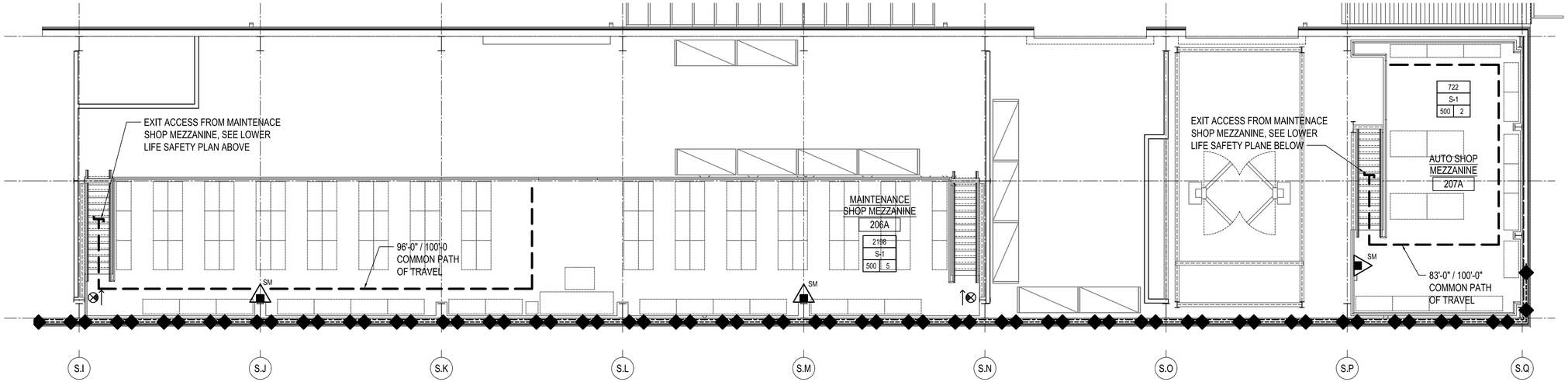
DESIGNED BY:	JMA
DRAWN BY:	TEC
CHECKED BY:	SSA
DATE:	09/2026
SCALE:	AS SHOWN

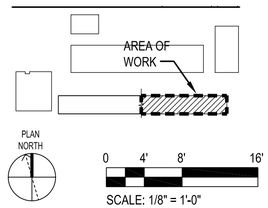
JOB NUMBER
P10981

SHEET
G-005
13 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

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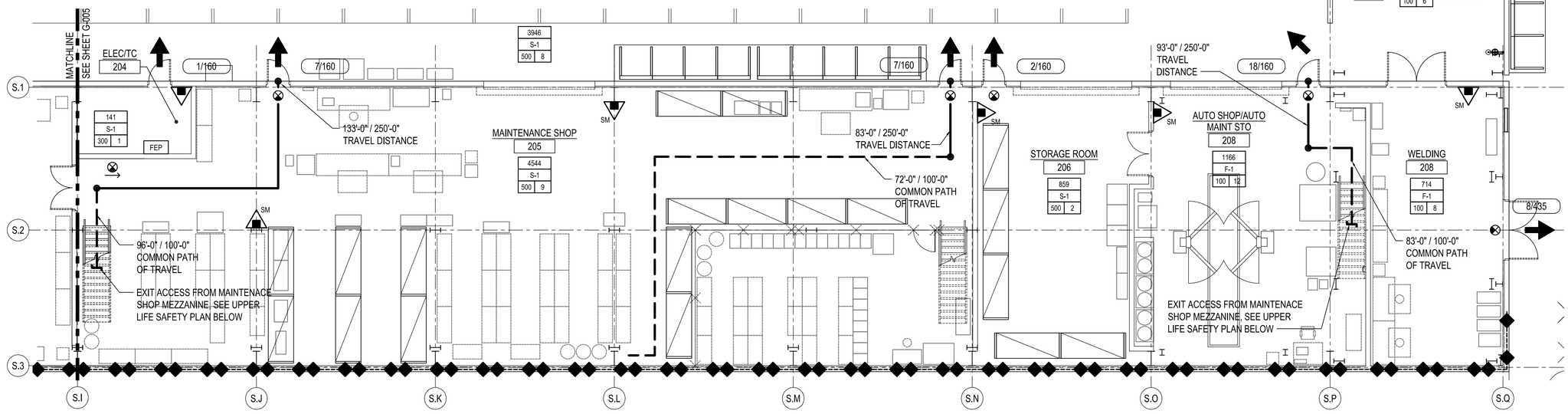


1 MAINTENANCE SHOP DIAMOND HEAD WING UPPER LIFE SAFETY PLAN

1/8" = 1'-0"

LEGEND:

- XX/XX — ASSIGNED OCCUPANT LOAD/ MAX CAPACITY
- DESIGNATED EXITS
- COMMON PATH OF TRAVEL
- EXIT/EXIT ACCESS TRAVEL PATH
- WET PIPE SPRINKLER RISER
- 1 HOUR FIRE RATED BARRIER
- 2 HOUR FIRE RATED BARRIER
- FEP — FIRE ALARM EXTENDER PANEL
- BRACKET MOUNTED PORTABLE 10LB MULTI-PURPOSE FIRE EXTINGUISHER
- SM — PORTABLE 10LB MULTI-PURPOSE FIRE EXTINGUISHER IN SURFACE MOUNTED FIRE EXTINGUISHER CABINET
- ILLUMINATED EXIT SIGN, SEE ELECTRICAL FOR EXACT LOCATION
- SF — AREA IN SF
- GROUP — OCCUPANCY GROUP
- XX — OCCUPANCY LOAD
- X — OCCUPANCY LOAD FACTOR



2 MAINTENANCE SHOP DIAMOND HEAD WING LOWER LIFE SAFETY PLAN

1/8" = 1'-0"

OCCUPANT (OCC.) LOAD TABLE

ROOM NUMBER	AREA NAME	OCC. TYPE	AREA (SF)	OCC. CLASSIFICATION		OCC. LOAD	# OF EXIT ACCESS
				AREA PER OCCUPANT	NET/GROSS		
204	ELEC	S-1	141	300	GROSS	1	1
205	MAINTENANCE SHOP	S-1	4544	500	GROSS	9	2
206	STORAGE ROOM	S-1	859	500	GROSS	2	1
207	AUTO SHOP/AUTO MAINT STO	F-1	1166	100	GROSS	12	2
208	WELDING	F-1	714	100	GROSS	8	2
-	OUTDOOR WELDING AREA	F-1	600	100	GROSS	6	1
-	OUTDOOR STORAGE AREA	S-1	1723	500	GROSS	9	-
GND FLR	MAINTENANCE SHOP DIAMOND HEAD WING, TOTAL	S-1, F--1	9747	VARIES	GROSS	47	VARIES

ROOM NUMBER	AREA NAME	OCC. TYPE	AREA (SF)	OCC. CLASSIFICATION		OCC. LOAD	# OF EXIT ACCESS
				AREA PER OCCUPANT	NET/GROSS		
206A	MAINTENANCE SHOP MEZZANINE	S-1	2,198	500	GROSS	5	2
207A	AUTO SHOP MEZZANINE	S-1	722	500	GROSS	2	1
2ND FLR	MAINTENANCE SHOP DIAMOND HEAD WING, TOTAL	S-1	2,920	500	GROSS	7	VARIES

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THERMAL ENGINEERING CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
MAINTENANCE SHOP DIAMOND HEAD WING LIFE SAFETY PLAN

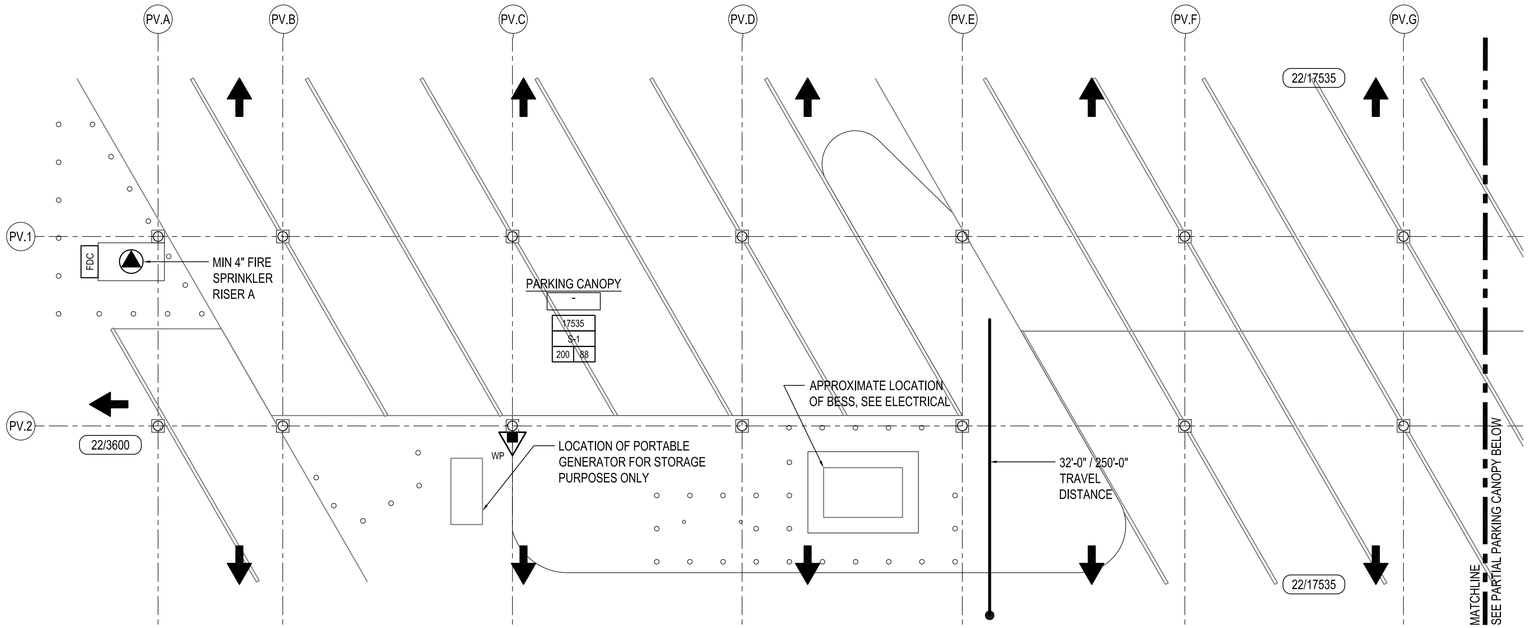
DESIGNED BY:	JMA
DRAWN BY:	TEC
CHECKED BY:	SSA
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
G-006
14 OF 273 SHTS.

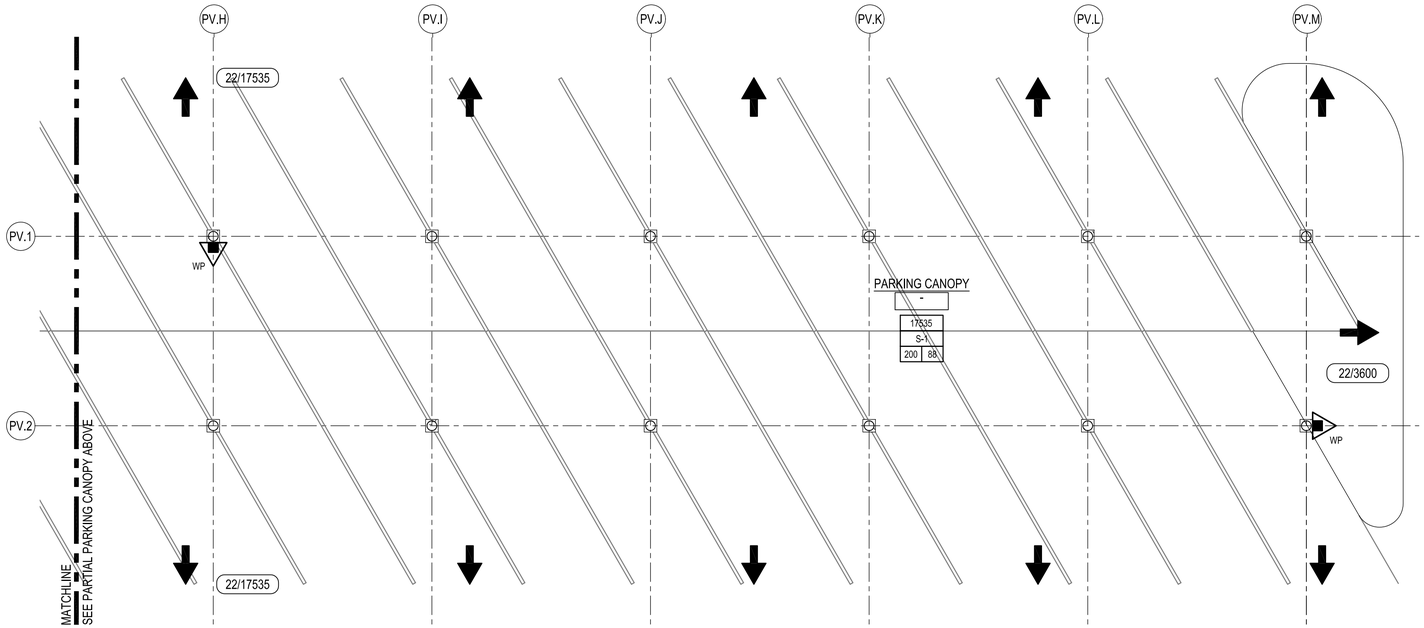
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1 PARTIAL PARKING CANOPY LIFE SAFETY PLAN

1/8" = 1'-0"



2 PARTIAL PARKING CANOPY LIFE SAFETY PLAN

1/8" = 1'-0"

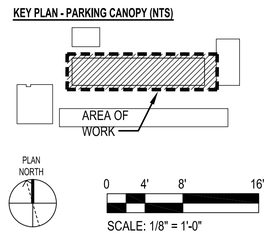
LEGEND:

- XX/XX — ASSIGNED OCCUPANT LOAD/ MAX CAPACITY
- DESIGNATED EXITS
- COMMON PATH OF TRAVEL
- EXIT/EXIT ACCESS TRAVEL PATH
- WET PIPE SPRINKLER RISER
- WP — PORTABLE 10LB MULTI-PURPOSE FIRE EXTINGUISHER IN WEATHERPROOF SURFACE MOUNTED FIRE EXTINGUISHER CABINET
- ILLUMINATED EXIT SIGN, SEE ELECTRICAL FOR EXACT LOCATION
- SF / GROUP / XX X — AREA IN SF; OCCUPANCY GROUP; OCCUPANCY LOAD; OCCUPANCY LOAD FACTOR
- FDC — FIRE ALARM EXTENDER PANEL

OCCUPANT (OCC.) LOAD TABLE

ROOM NUMBER	AREA NAME	OCC. TYPE	AREA (SF)	OCC. CLASSIFICATION		OCC. LOAD	# OF EXIT ACCESS
				AREA PER OCCUPANT	NET/GROSS		
-	PARKING CANOPY	S-1	17535	200	GROSS	88	OPEN
GND FLR	PARKING CANOPY, TOTAL	S-1	17535	200	GROSS	88	OPEN

KEY PLAN - PARKING CANOPY (NTS)



REVISION	DATE	DESCRIPTION	BY	APPROVED

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THERMAL ENGINEERING CORPORATION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
PARKING CANOPY LIFE SAFETY PLAN

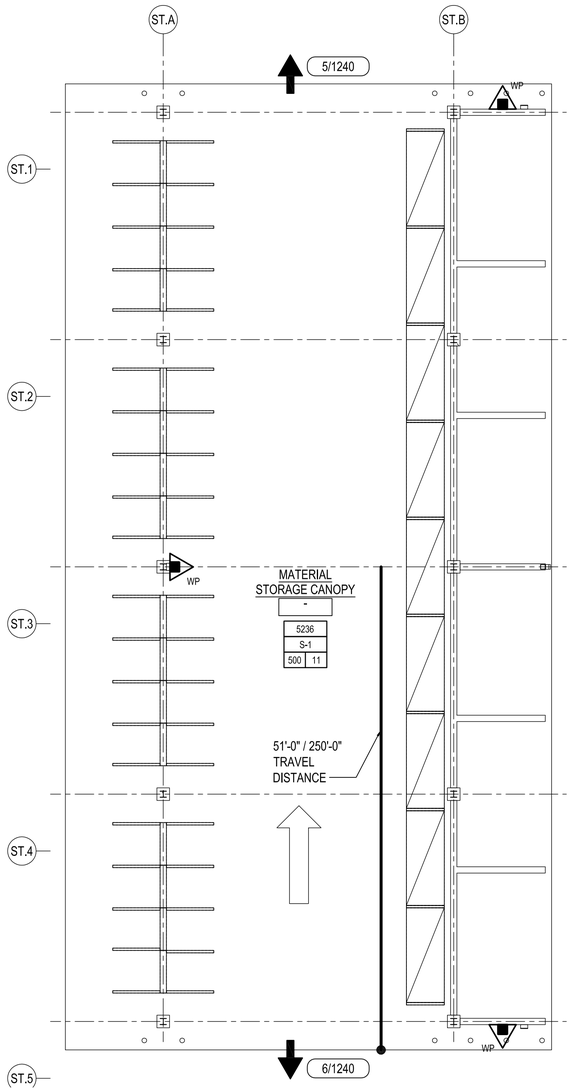
DESIGNED BY:	JMA
DRAWN BY:	TEC
CHECKED BY:	SSA
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
G-007
15 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

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1 MATERIAL STORAGE CANOPY LIFE SAFETY PLAN
1/8" = 1'-0"

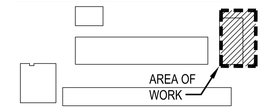
LEGEND:

- XX/XX — ASSIGNED OCCUPANT LOAD/ MAX CAPACITY
- DESIGNATED EXITS
- COMMON PATH OF TRAVEL
- EXIT/EXIT ACCESS TRAVEL PATH
- WP — PORTABLE 10LB MULTI-PURPOSE FIRE EXTINGUISHER IN WEATHERPROOF SURFACE MOUNTED FIRE EXTINGUISHER CABINET
- SF — AREA IN SF
- GROUP — OCCUPANCY GROUP
- XX — OCCUPANCY LOAD
- X — OCCUPANCY LOAD FACTOR

OCCUPANT (OCC.) LOAD TABLE

ROOM NUMBER	AREA NAME	OCC. TYPE	AREA (SF)	OCC. CLASSIFICATION		OCC. LOAD	# OF EXIT ACCESS
				AREA PER OCCUPANT	NET/GROSS		
-	MATERIAL STORAGE CANOPY	S-1	5236	500	GROSS	11	2
GND FLR	MATERIAL STORAGE CANOPY, TOTAL	S-1	5,236	500	GROSS	11	2

KEY PLAN - MATERIALS STORAGE CANOPY (NTS)



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

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EXP 4-30-28

THERMAL ENGINEERING CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

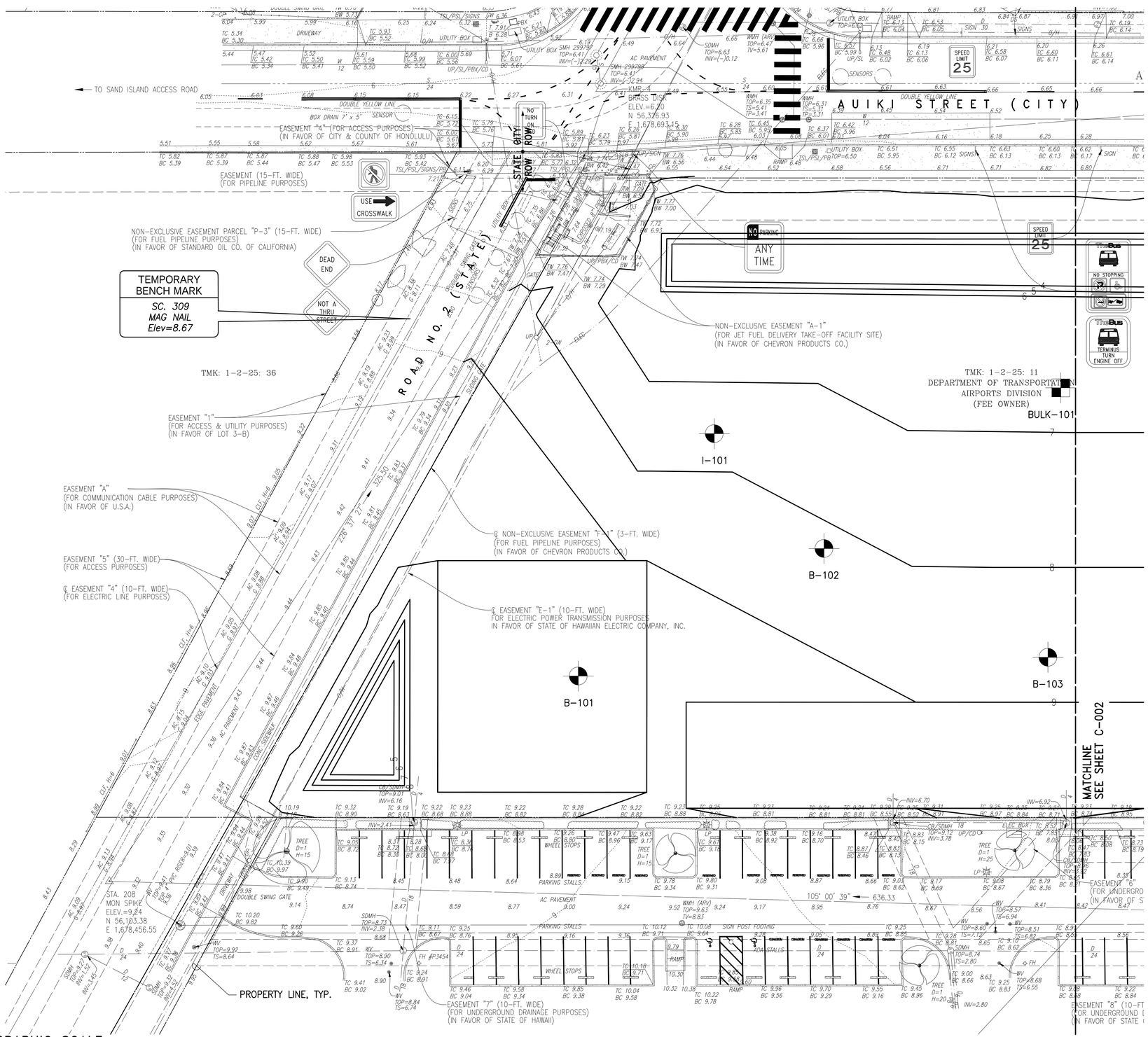
SHEET TITLE
MATERIAL STORAGE CANOPY LIFE SAFETY PLAN

DESIGNED BY:	JMA
DRAWN BY:	TEC
CHECKED BY:	SSA
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
G-008
16 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



EXISTING CONDITION PLAN – 1

SCALE : 1" = 20'

ABBREVIATIONS:

AC	ASPHALT	MB	MAILBOX
BC	BOTTOM CURB	MH	MANHOLE
BFP	BACK FLOW PREVENTER	O/H	OVERHEAD
BW	BOTTOM WALL	PB	PEDESTRIAN BUTTON
CB	CATCH BASIN	PBX	PANEL BOX OR PULL BOX
CD	CONDUIT	OSL	PEDESTRIAN SIGNAL LIGHT
CLF	CHAIN LINK FENCE	REF	REFLECTOR
CONC	CONCRETE	SL	STREET LIGHT
D	DIAMETER OR DRAIN	SLB	STREET LIGHT BOX
DI	DRAIN INLET	SMH	SEWER MANHOLE
DS	DOWN SPOUT	SDMH	STORM DRAIN MANHOLE
DWY	DRIVEWAY	T	TOP
ELEC	ELECTRIC	TC	TOP CURB
ELEV	ELEVATION	TSL	TRAFFIC SIGNAL LIGHT
FH	FIRE HYDRANT	TW	TOP WALL
G	GROUND	UP	UTILITY POLE
GW	GUY WIRE	WM	WATER METER
H	HEIGHT	WMH	WATER MANHOLE
LP	LAMP POST	WV	WATER VALVE

NOTES:

THIS MAP AND ASSOCIATED CADD FILE IS A TOPOGRAPHIC SURVEY OF THE SUBJECT PARCEL OR PROJECT SITE. THE DEPICTION OF BOUNDARIES AND ENCUMBRANCES AFFECTING THE PROJECT SITE ARE TAKEN FROM LATEST TAX MAPS ONLY. OBTAINING A COPY OF THE CURRENT TITLE REPORT OR DEED FOR AREAS WHERE PROPERTY AND ENCUMBRANCE ISSUES ARE CRITICAL IS RECOMMENDED PRIOR TO ANY DESIGN AND CONSTRUCTION WORK.

UNDERGROUND UTILITY LINES AND/OR STRUCTURES, IF SHOWN ARE PROVIDED BASED ON INFORMATION FROM PLANS/MAPS PREPARED BY OTHERS, AND NEED TO BE REVIEWED BY PUBLIC UTILITY AGENCIES OR ASSOCIATED FACILITIES.

UNLESS OTHERWISE NOTED. ALL LOCATIONS OF UNDERGROUND UTILITY LINES AND/OR STRUCTURES ARE APPROXIMATE. NO GUARANTEE IS MADE ON THE ACCURACY OF COMPLETENESS OF THE INFORMATION SHOWN. THE USER(S) OF THIS TOPOGRAPHIC SURVEY MAP SHALL VERIFY THE INFORMATION, AS NEEDED, DURING DESIGN AND CONSTRUCTION.

NOTES:

1. TOPOGRAPHIC SURVEY ORIGINALLY PREPARED BY CONTROLPOINT SURVEYING, INC DATED JANUARY 25, 2023.
2. TOPOGRAPHIC SURVEY HAS BEEN MODIFIED TO REFLECT BORING LOCATIONS BASED FROM THE SOILS REPORTS BY GEOLABS, INC. DATED NOVEMBER 8, 2024.
3. TOPOGRAPHIC SURVEY HAS BEEN MODIFIED TO REFLECT ANTICIPATED SITE CONDITIONS AFTER THE COMPLETION OF THE "OAHU BASEYARD RELOCATION DEMOLITION OF WAREHOUSE FACILITY".

PLAN IS FOR REFERENCE PURPOSES ONLY

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

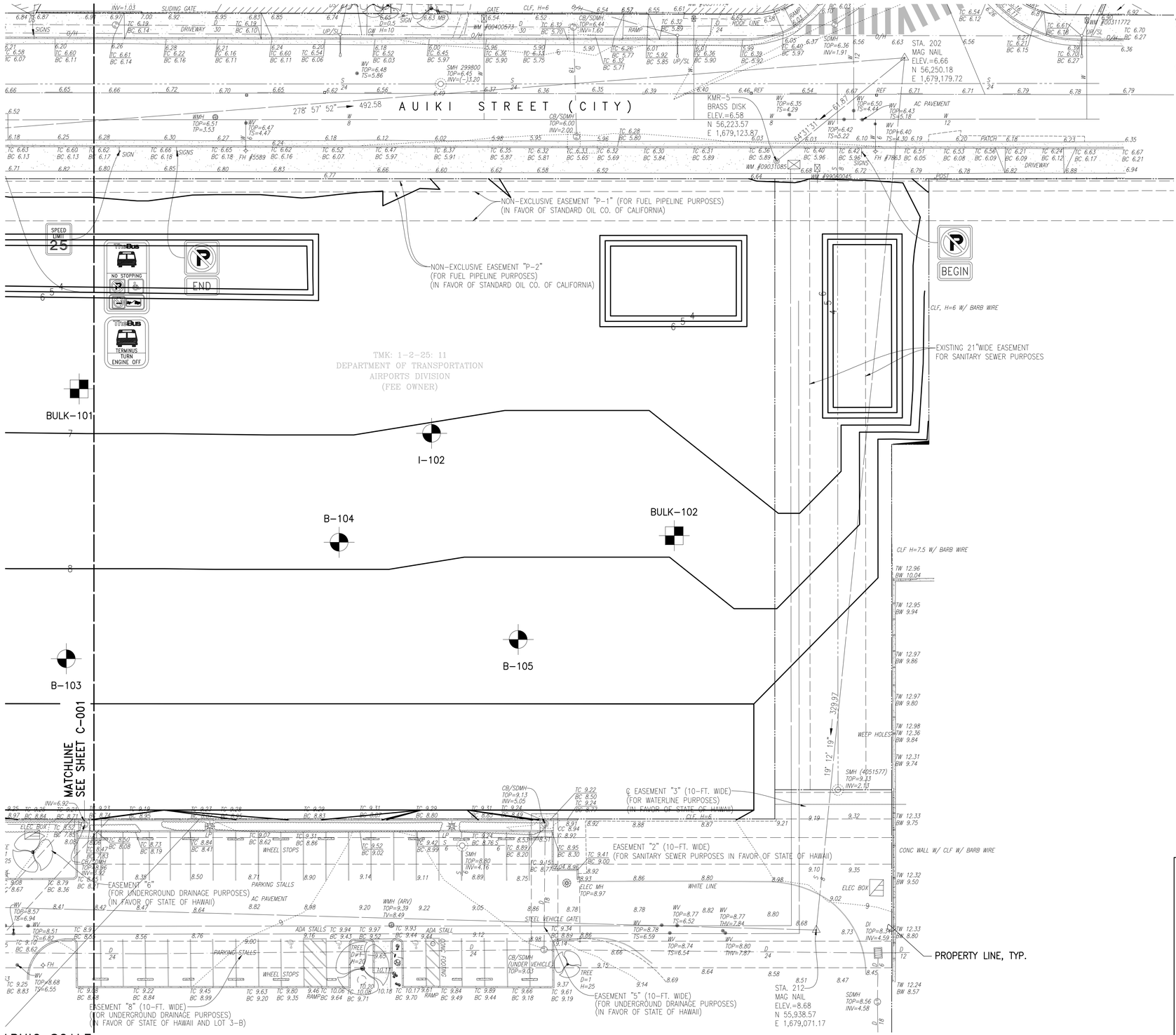
SHEET TITLE
EXISTING CONDITION PLAN - 1

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-001
17 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



GRAPHIC SCALE

20' 10' 0 20' 40'

SCALE: 1" = 20'

EXISTING CONDITION PLAN – 2

SCALE : 1" = 20'

ABBREVIATIONS:

AC	ASPHALT	MB	MAILBOX
BC	BOTTOM CURB	MH	MANHOLE
BFP	BACK FLOW PREVENTER	O/H	OVERHEAD
BW	BOTTOM WALL	PB	PEDESTRIAN BUTTON
CB	CATCH BASIN	PBX	PANEL BOX OR PULL BOX
CD	CONDUIT	OSL	PEDESTRIAN SIGNAL LIGHT
CLF	CHAIN LINK FENCE	REF	REFLECTOR
CONC	CONCRETE	SL	STREET LIGHT
D	DIAMETER OR DRAIN	SLB	STREET LIGHT BOX
DI	DRAIN INLET	SMH	SEWER MANHOLE
DS	DOWN SPOUT	SDMH	STORM DRAIN MANHOLE
DWY	DRIVEWAY	T	TOP
ELEC	ELECTRIC	TC	TOP CURB
ELEV	ELEVATION	TSL	TRAFFIC SIGNAL LIGHT
FH	FIRE HYDRANT	TW	TOP WALL
G	GROUND	UP	UTILITY POLE
GW	GUY WIRE	WM	WATER METER
H	HEIGHT	WMH	WATER MANHOLE
LP	LAMP POST	WV	WATER VALVE

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PLAN IS FOR REFERENCE PURPOSES ONLY

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

EXISTING CONDITION PLAN - 2

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER P10981

SHEET C-002

18 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

ROCK DESCRIPTIONS

	BASALT		CONGLOMERATE
	BOULDERS		LIMESTONE
	BRECCIA		SANDSTONE
	CLINKER		SILTSTONE
	COBBLES		TUFF
	CORAL		VOID/CAVITY

ROCK DESCRIPTION SYSTEM

ROCK FRACTURE CHARACTERISTICS

The following terms describe general fracture spacing of a rock:

Massive:	Greater than 24 inches apart
Slightly Fractured:	12 to 24 inches apart
Moderately Fractured:	6 to 12 inches apart
Closely Fractured:	3 to 6 inches apart
Severely Fractured:	Less than 3 inches apart

DEGREE OF WEATHERING

The following terms describe the chemical weathering of a rock:

Unweathered:	Rock shows no sign of discoloration or loss of strength.
Slightly Weathered:	Slight discoloration inwards from open fractures.
Moderately Weathered:	Discoloration throughout and noticeably weakened though not able to break by hand.
Highly Weathered:	Most minerals decomposed with some corestones present in residual soil mass. Can be broken by hand.
Extremely Weathered:	Saprolite. Mineral residue completely decomposed to soil but fabric and structure preserved.

HARDNESS

The following terms describe the resistance of a rock to indentation or scratching:

Very Hard:	Specimen breaks with difficulty after several "pinging" hammer blows. Example: Dense, fine grain volcanic rock
Hard:	Specimen breaks with some difficulty after several hammer blows. Example: Vesicular, vugular, coarse-grained rock
Medium Hard:	Specimen can be broked by one hammer blow. Cannot be scraped by knife. SPT may penetrate by ~25 blows per inch with bounce. Example: Porous rock such as clinker, cinder, and coral reef
Soft:	Can be indented by one hammer blow. Can be scraped or peeled by knife. SPT can penetrate by ~100 blows per foot. Example: Weathered rock, chalk-like coral reef
Very Soft:	Crumbles under hammer blow. Can be peeled and carved by knife. Can be indented by finger pressure. Example: Saprolite

ROCK LOG LEGEND

GEOLABS, INC. CLASSIFICATION*

GRANULAR SOIL (- #200 <50%)	COHESIVE SOIL (- #200 ≥ 50%)
• PRIMARY constituents are composed of the largest percent of the soil mass. Primary constituents are capitalized and bold (i.e., GRAVEL, SAND) • SECONDARY constituents are composed of a percentage less than the primary constituent. If the soil mass consists of 12 percent or more fines content, a cohesive constituent is used (SILTY or CLAYEY); otherwise, a granular constituent is used (GRAVELLY or SANDY) provided that the secondary constituent consists of 20 percent or more of the soil mass. Secondary constituents are capitalized and bold (i.e., SANDY GRAVEL, CLAYEY SAND) and precede the primary constituent. • accessory descriptions compose of the following: with some: >12% with a little: 5 - 12% with traces of: <5% accessory descriptions are lower cased and follow the Primary and Secondary Constituents (i.e., SILTY GRAVEL with a little sand)	• PRIMARY constituents are based on plasticity. Primary constituents are capitalized and bold (i.e., CLAY, SILT) • SECONDARY constituents are composed of a percentage less than the primary constituent, but more than 20 percent of the soil mass. Secondary constituents are capitalized and bold (i.e., SANDY CLAY, SILTY CLAY, CLAYEY SILT) and precede the primary constituent. • accessory descriptions compose of the following: with some: >12% with a little: 5 - 12% with traces of: <5% accessory descriptions are lower cased and follow the Primary and Secondary Constituents (i.e., SILTY CLAY with some sand)
EXAMPLE: Soil Containing 60% Gravel, 25% Sand, 15% Fines. Described as: SILTY GRAVEL with some sand	

RELATIVE DENSITY / CONSISTENCY

Granular Soils			Cohesive Soils			
N-Value (Blows/Foot) SPT	N-Value (Blows/Foot) MCS	Relative Density	N-Value (Blows/Foot) SPT	N-Value (Blows/Foot) MCS	PP Readings (tsf)	Consistency
0 - 4	0 - 7	Very Loose	0 - 2	0 - 4		Very Soft
4 - 10	7 - 18	Loose	2 - 4	4 - 7	< 0.5	Soft
10 - 30	18 - 55	Medium Dense	4 - 8	7 - 15	0.5 - 1.0	Medium Stiff
30 - 50	55 - 91	Dense	8 - 15	15 - 27	1.0 - 2.0	Stiff
> 50	> 91	Very Dense	15 - 30	27 - 55	2.0 - 4.0	Very Stiff
			> 30	> 55	> 4.0	Hard

MOISTURE CONTENT DEFINITIONS

Dry: Absence of moisture, dry to the touch
Moist: Damp but no visible water
Wet: Visible free water

GRAIN SIZE DEFINITION

Description	Sieve Number and / or Size
Boulders	> 12 inches (305-mm)
Cobbles	3 to 12 inches (75-mm to 305-mm)
Gravel	3-inch to #4 (75-mm to 4.75-mm)
Coarse Gravel	3-inch to 3/4-inch (75-mm to 19-mm)
Fine Gravel	3/4-inch to #4 (19-mm to 4.75-mm)
Sand	#4 to #200 (4.75-mm to 0.075-mm)
Coarse Sand	#4 to #10 (4.75-mm to 2-mm)
Medium Sand	#10 to #40 (2-mm to 0.425-mm)
Fine Sand	#40 to #200 (0.425-mm to 0.075-mm)

ABBREVIATIONS

WOH: Weight of Hammer
WOR: Weight of Drill Rods
SPT: Standard Penetration Test Split-Spoon Sampler
MCS: Modified California Sampler
PP: Pocket Penetrometer

*Soil descriptions are based on ASTM D2488-09a, Visual-Manual Procedure, with the above modifications by Geolabs, Inc. to the Unified Soil Classification System (USCS).

SOIL CLASSIFICATION LOG KEY

UNIFIED SOIL CLASSIFICATION SYSTEM (USCS)

MAJOR DIVISIONS			USCS	TYPICAL DESCRIPTIONS
COARSE-GRAINED SOILS	GRAVELS	CLEAN GRAVELS	GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	LESS THAN 5% FINES	GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES	GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
		MORE THAN 12% FINES	GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
MORE THAN 50% OF MATERIAL RETAINED ON NO. 200 SIEVE	SANDS	CLEAN SANDS	SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
	50% OR MORE OF COARSE FRACTION PASSING THROUGH NO. 4 SIEVE	LESS THAN 5% FINES	SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		SANDS WITH FINES	SM	SILTY SANDS, SAND-SILT MIXTURES
		MORE THAN 12% FINES	SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE-GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50	ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
			OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
50% OR MORE OF MATERIAL PASSING THROUGH NO. 200 SIEVE	SILTS AND CLAYS	LIQUID LIMIT 50 OR MORE	MH	INORGANIC SILT, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
			CH	INORGANIC CLAYS OF HIGH PLASTICITY
			OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS			PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

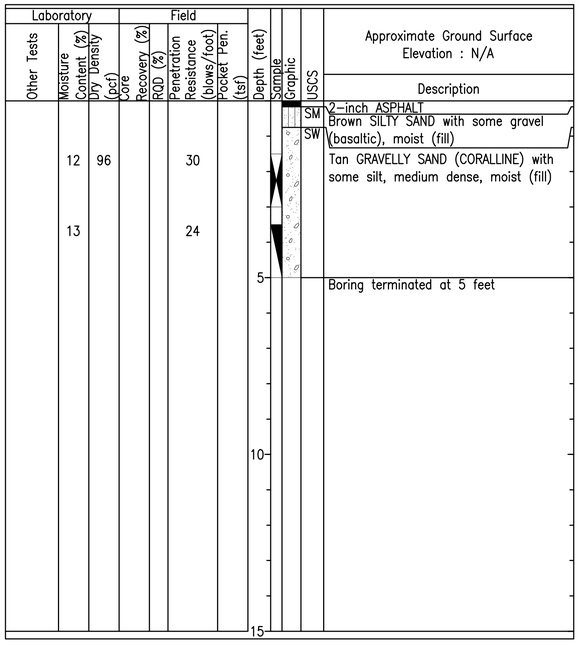
NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

LEGEND

- (2-INCH) O.D. STANDARD PENETRATION TEST
- (3-INCH) O.D. MODIFIED CALIFORNIA SAMPLE
- SHELBY TUBE SAMPLE
- GRAB SAMPLE
- CORE SAMPLE
- WATER LEVEL OBSERVED IN BORING AT TIME OF DRILLING
- WATER LEVEL OBSERVED IN BORING AFTER DRILLING
- WATER LEVEL OBSERVED IN BORING OVERNIGHT

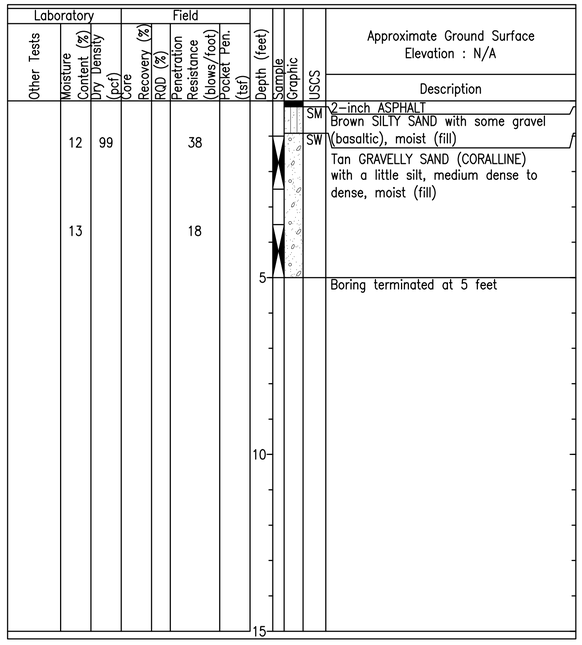
LL LIQUID LIMIT (NP=NON-PLASTIC)
PI PLASTICITY INDEX (NP=NON-PLASTIC)
TV TORVANE SHEAR (tsf)
UC UNCONFINED COMPRESSION OR UNIAXIAL COMPRESSIVE STRENGTH
TXUU UNCONSOLIDATED UNDRAINED TRIAXIAL COMPRESSION (ksf)

SOIL LOG LEGEND



I-101

ROCK LOG LEGEND



I-102

SOIL CLASSIFICATION LOG KEY

NOTES:

1. SEE BORING LOCATION ON SHEETS C-001 AND C-002.
2. BORING REFLECTS ORIGINAL CONDITION WHICH HAS BEEN MODIFIED BY "OAHU BASEYARD RELOCATION DEMOLITION OF WAREHOUSE FACILITY".

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
BORING LOGS - 1

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EXP 4-30-28

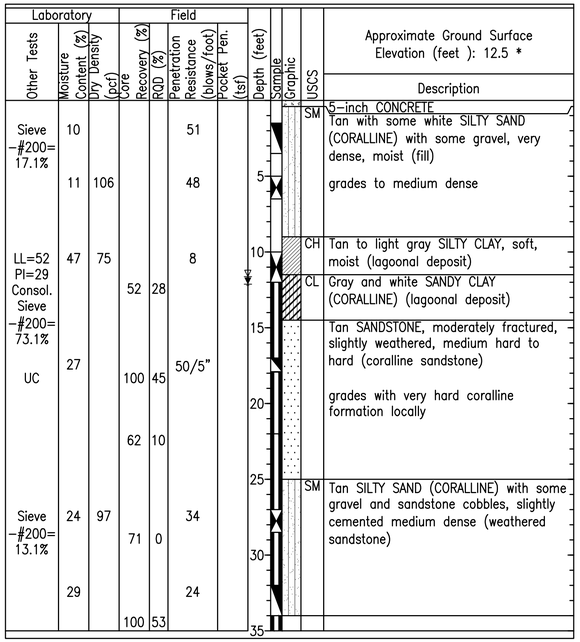
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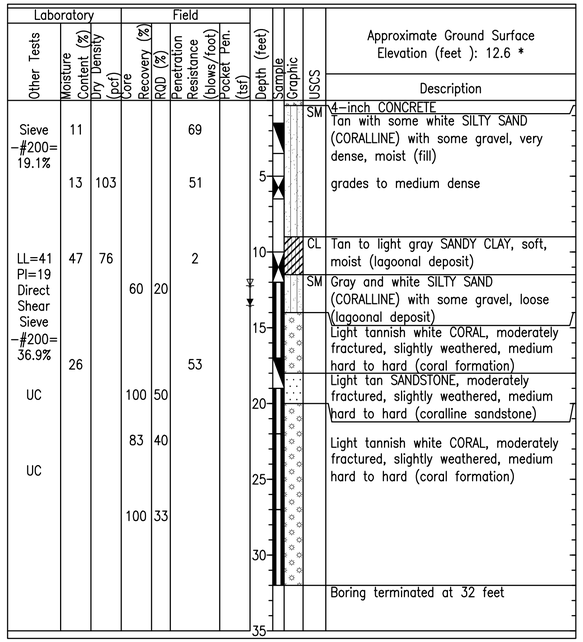
JOB NUMBER
P10981

SHEET
C-003
19 OF 273 SHTS.

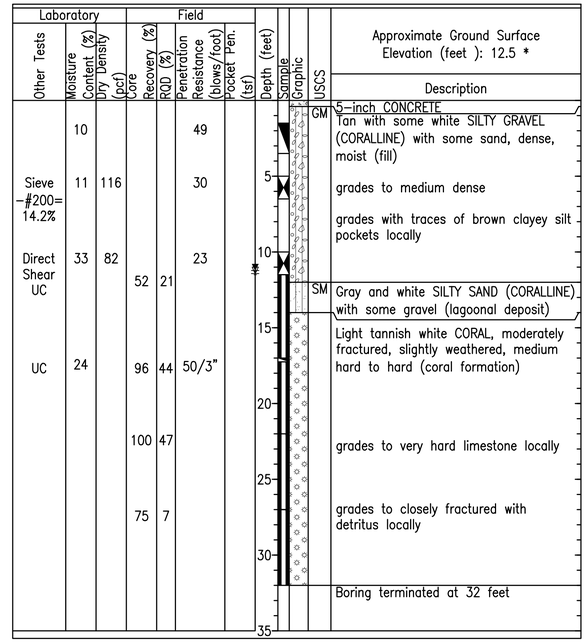
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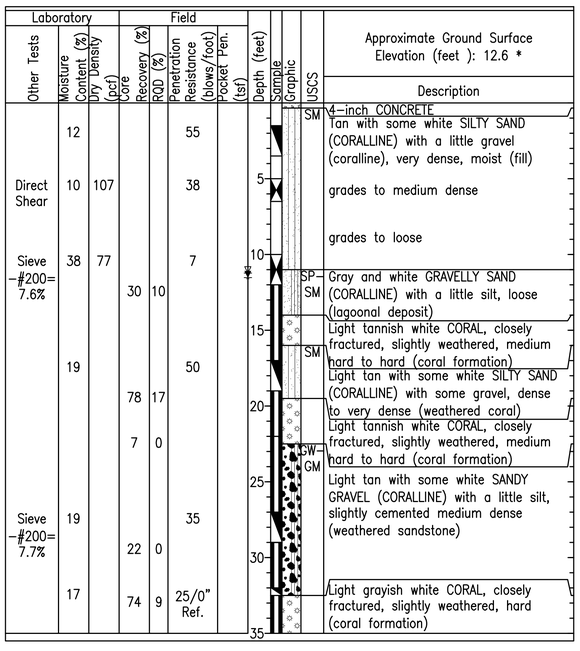
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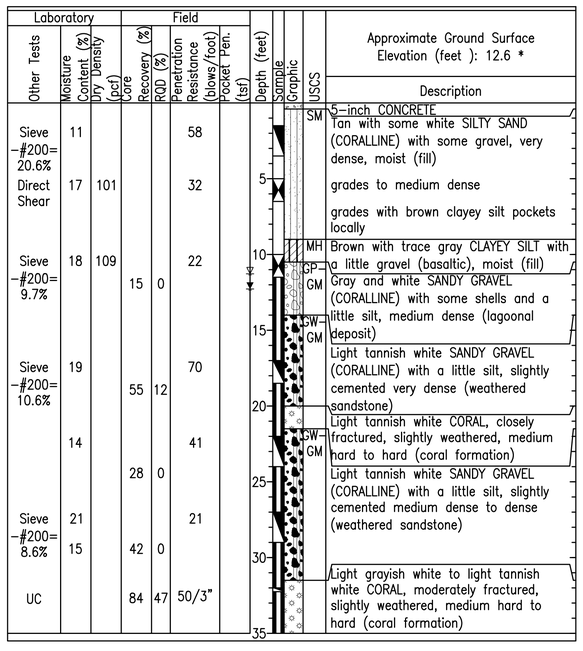
B-102



B-103



B-104



B-105

NOTES:

1. SEE BORING LOCATION ON SHEETS C-001 AND C-002.
2. BORING REFLECTS ORIGINAL CONDITION WHICH HAS BEEN MODIFIED BY "OAHU BASEYARD RELOCATION DEMOLITION OF WAREHOUSE FACILITY".

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

BORING LOGS - 2

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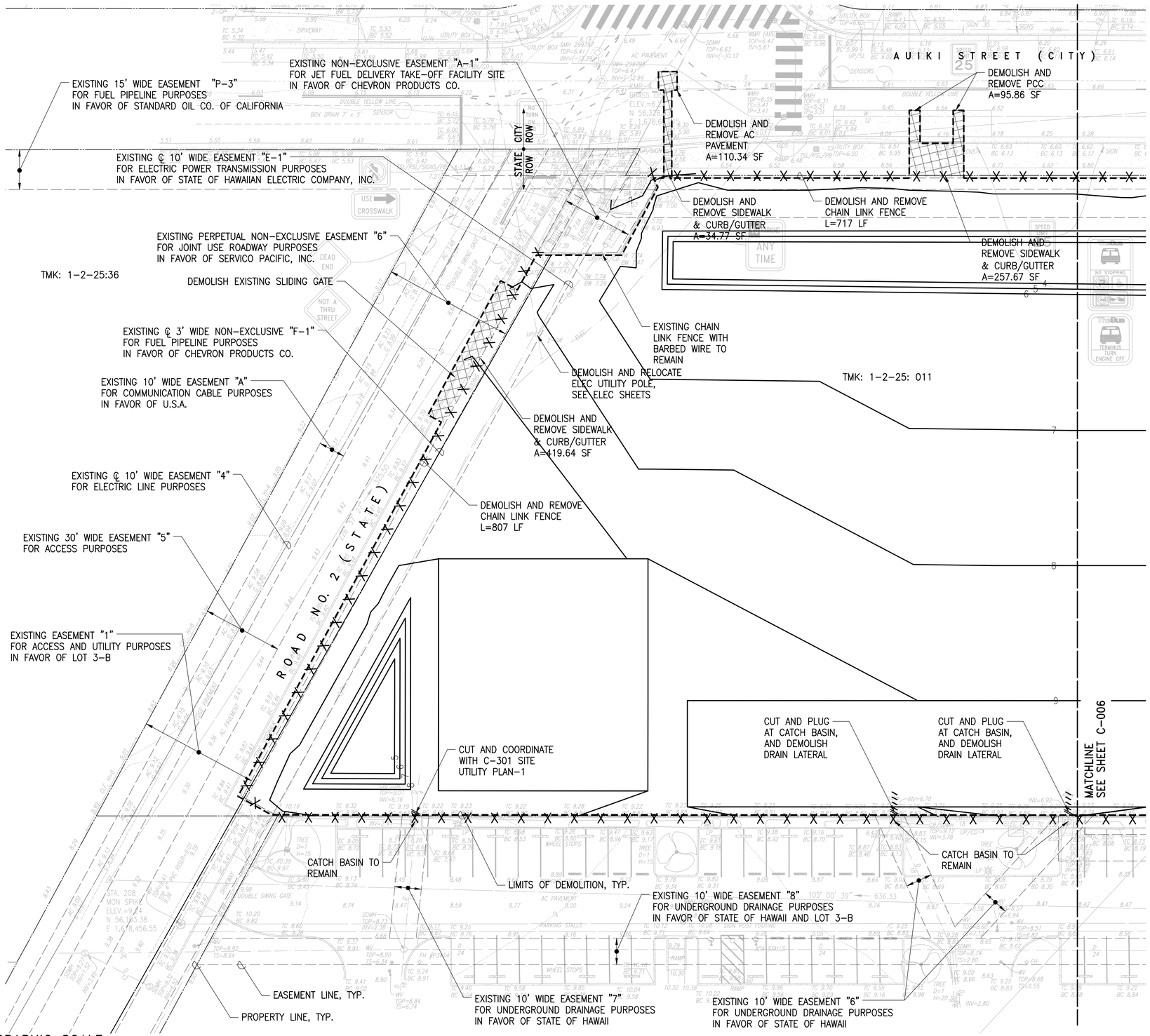
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JOB NUMBER: P10981

SHEET: C-004

20 OF 273 SHTS.

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DEMOLITION PLAN – 1

SCALE : 1" = 20'

NOTES:

1. DEMOLISH AND REMOVE EXISTING FACILITIES AS REQUIRED TO ACCOMMODATE NEW IMPROVEMENTS.
2. PROTECT AND MAINTAIN EXISTING UTILITIES IN-PLACE WHICH SERVICE ADJACENT BUILDINGS.
3. MINIMIZE UTILITY OUTAGES TO ADJACENT BUILDINGS TO THE MAXIMUM EXTENT PRACTICAL.
4. SEE C-007, C-008 AND C-009 FOR DURING CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN AND DETAILS. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO START OF DEMOLITION WORK.
5. SEE ELECTRICAL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL DEMOLITION PLAN AND NOTES.

LEGEND

- LIMITS OF DEMOLITION
- DEMOLISH AND REMOVE EXISTING UTILITY LINE
- PROPERTY LINE
- EASEMENT LINE
- X X X DEMOLISH AND REMOVE EXISTING FENCE
- DEMOLISH CONCRETE PAVEMENT, SIDEWALK, CURB, LANDSCAPE AND OTHER SURFACE IMPROVEMENTS AS REQUIRED TO ACCOMMODATE NEW IMPROVEMENTS

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

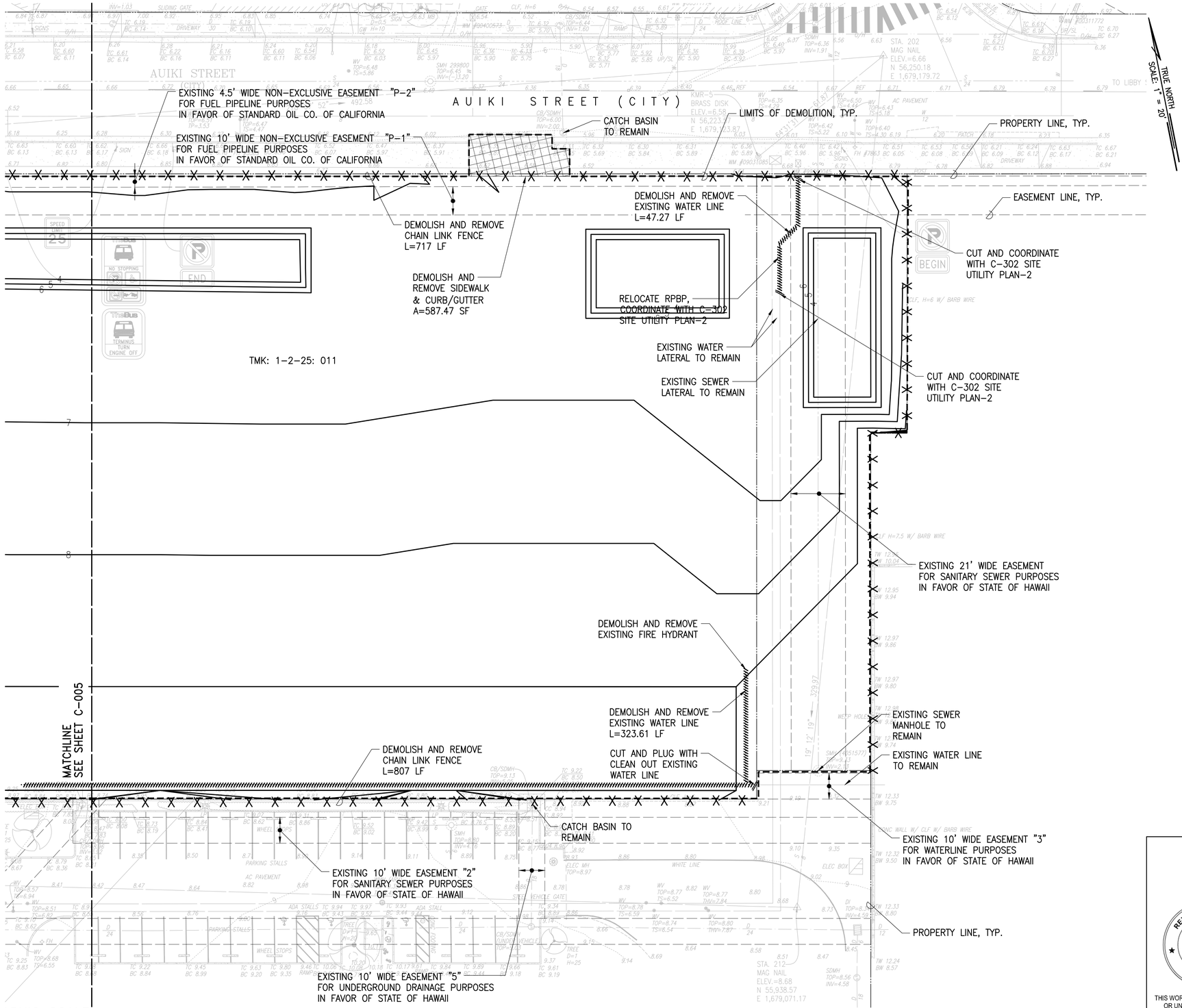
SHEET TITLE
DEMOLITION PLAN - 1

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JOB NUMBER
P10981

SHEET
C-005
21 OF 273 SHTS.

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NOTES:

1. DEMOLISH AND REMOVE EXISTING FACILITIES AS REQUIRED TO ACCOMMODATE NEW IMPROVEMENTS.
2. PROTECT AND MAINTAIN EXISTING UTILITIES IN-PLACE WHICH SERVICE ADJACENT BUILDINGS.
3. MINIMIZE UTILITY OUTAGES TO ADJACENT BUILDINGS TO THE MAXIMUM EXTENT PRACTICAL.
4. SEE C-007, C-008 AND C-009 FOR DURING CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN AND DETAILS. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO START OF DEMOLITION WORK.
5. SEE ELECTRICAL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL DEMOLITION PLAN AND NOTES.

LEGEND

- LIMITS OF DEMOLITION
- DEMOLISH AND REMOVE EXISTING UTILITY LINE
- PROPERTY LINE
- EASEMENT LINE
- X X X DEMOLISH AND REMOVE EXISTING FENCE
- DEMOLISH CONCRETE PAVEMENT, SIDEWALK, CURB, LANDSCAPE AND OTHER SURFACE IMPROVEMENTS AS REQUIRED TO ACCOMMODATE NEW IMPROVEMENTS

GRAPHIC SCALE
20' 10' 0 20' 40'
SCALE: 1" = 20'

DEMOLITION PLAN - 2
SCALE : 1" = 20'

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DEPARTMENT OF TRANSPORTATION
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JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

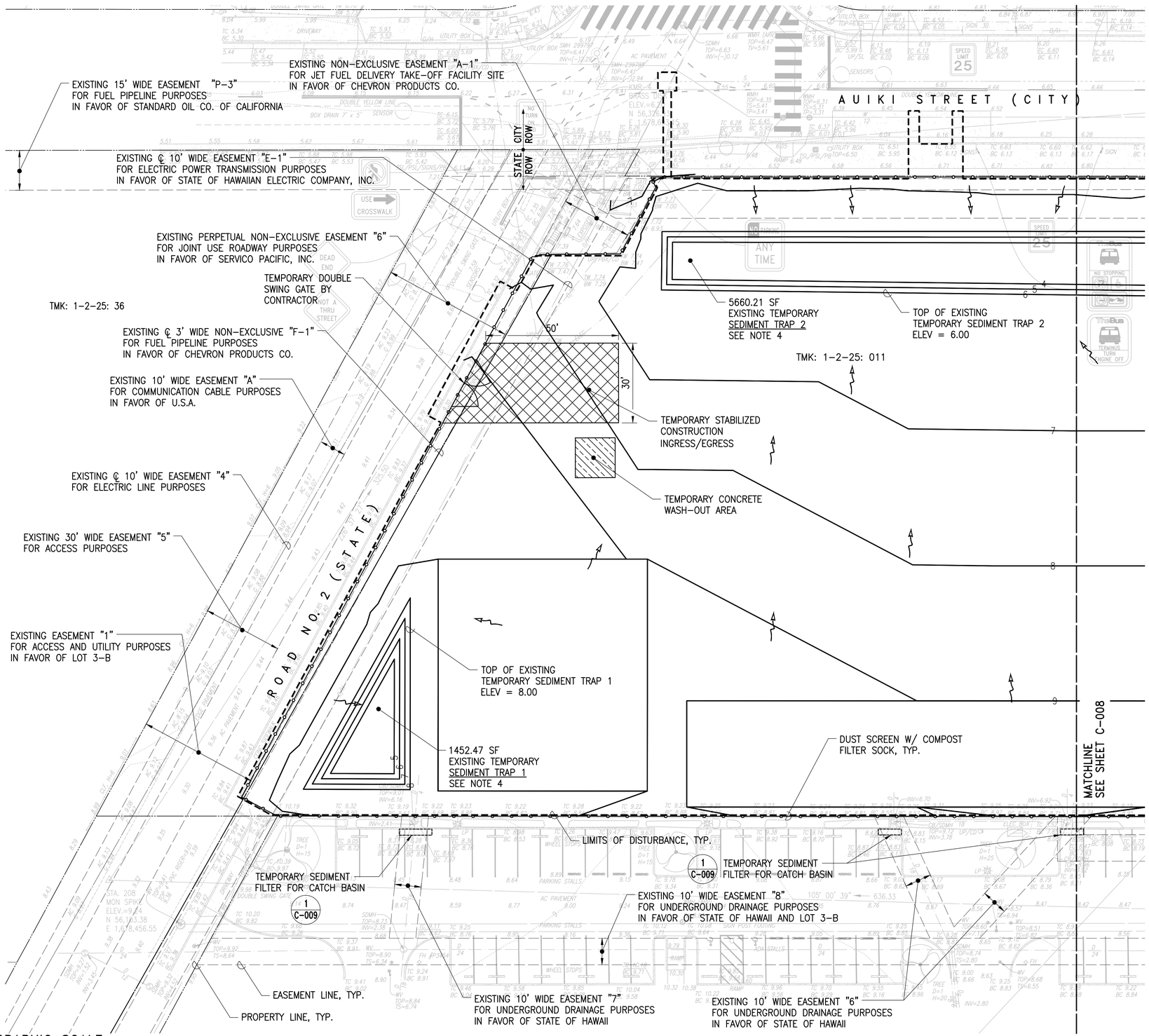
SHEET TITLE
DEMOLITION PLAN - 2

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SCALE:	AS SHOWN

JOB NUMBER
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SHEET
C-006
22 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



GRAPHIC SCALE

20' 10' 0 20' 40'

SCALE: 1" = 20'

EROSION AND SEDIMENT CONTROL PLAN – 1

SCALE : 1" = 20'

TRUE NORTH
SCALE: 1" = 20'

NOTES:

1. THE PROJECT IS A CATEGORY 5 GRADING PROJECT.
2. SEE SHEET T-006 FOR EROSION AND SEDIMENT CONTROL PLAN NOTES.
3. SEE SHEETS C-009 FOR EROSION AND SEDIMENT CONTROL PLAN DETAILS.
4. EXISTING SEDIMENT TRAP

   EXISTING SEDIMENT TRAP SHOWN ON THIS PLAN REFLECT CONSTRUCTED IMPROVEMENTS UNDER THE "OAHU DISTRICT BASEYARD RELOCATION DEMOLITION OF WAREHOUSE FACILITY".

- TOTAL DISTURBED AREA = 3.08 ACRES
- DISTURBED AREA NOT TREATED BY SEDIMENT TRAP = 0.02 ACRES
- TOTAL EFFECTIVE TREATMENT AREA = 3.06 ACRES
- FOR EXISTING TEMPORARY SEDIMENT TRAP 1:
  RETENTION VOLUME = 173 C.Y.
  EFFECTIVE TREATMENT AREA = 0.19 ACRE
  REQUIRED VOLUME = 25.60 C.Y.
  TRAP DEPTH = 3'
- FOR EXISTING TEMPORARY SEDIMENT TRAP 2:
  RETENTION VOLUME = 420 C.Y.
  EFFECTIVE TREATMENT AREA = 1.75 ACRE
  REQUIRED VOLUME = 233.33 C.Y.
  TRAP DEPTH = 2'
- FOR EXISTING TEMPORARY SEDIMENT TRAP 3:
  RETENTION VOLUME = 116 C.Y.
  EFFECTIVE TREATMENT AREA = 0.86 ACRE
  REQUIRED VOLUME = 114.50 C.Y.
  TRAP DEPTH = 2'
- FOR EXISTING TEMPORARY SEDIMENT TRAP 4:
  RETENTION VOLUME = 154 C.Y.
  EFFECTIVE TREATMENT AREA = 0.27 ACRE
  REQUIRED VOLUME = 35.39 C.Y.
  TRAP DEPTH = 2'

LEGEND

- LIMITS OF DISTURBANCE
- DUST SCREEN W/ COMPOST FILTER SOCK
- PROPERTY LINE
- EASEMENT LINE
- DIRECTION OF FLOW
- TEMPORARY STABILIZED CONSTRUCTION INGRESS/EGRESS
- TEMPORARY CONCRETE WASH-OUT AREA
- TEMPORARY SEDIMENT FILTER FOR CATCH BASIN

PRE-CONSTRUCTION BMPs:

- TEMPORARY STABILIZED CONSTRUCTION INGRESS/EGRESS
- TEMPORARY SEDIMENT FILTER FOR CATCH BASIN
- TEMPORARY DUST SCREEN WITH COMPOST FILTER SOCK
- SEDIMENT TRAPS

DURING CONSTRUCTION BMPs:

- TEMPORARY SLOPE PROTECTION
- TEMPORARY STABILIZATION
- BMPs FOR STOCKPILES, STAGING AREA, PROJECT TRAILERS, MATERIAL STORAGE, ETC. *

* CONTRACTOR SHALL INCLUDE THESE BMPS IN THE REVISED EROSION CONTROL PLANS, WHICH SHALL BE SUBMITTED TO THE CITY INSPECTORS FOR THEIR RECORDS.

POST-CONSTRUCTION BMPs:

- CONCRETE PAVEMENT

GOOD HOUSEKEEPING BMPs:

SEE EROSION AND SEDIMENT CONTROL PLAN NOTES ON SHEET T-006.

REYN M. SUGITAYA
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No. 20684-C
HAWAII, U.S.A.

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EXP 4-30-28

WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

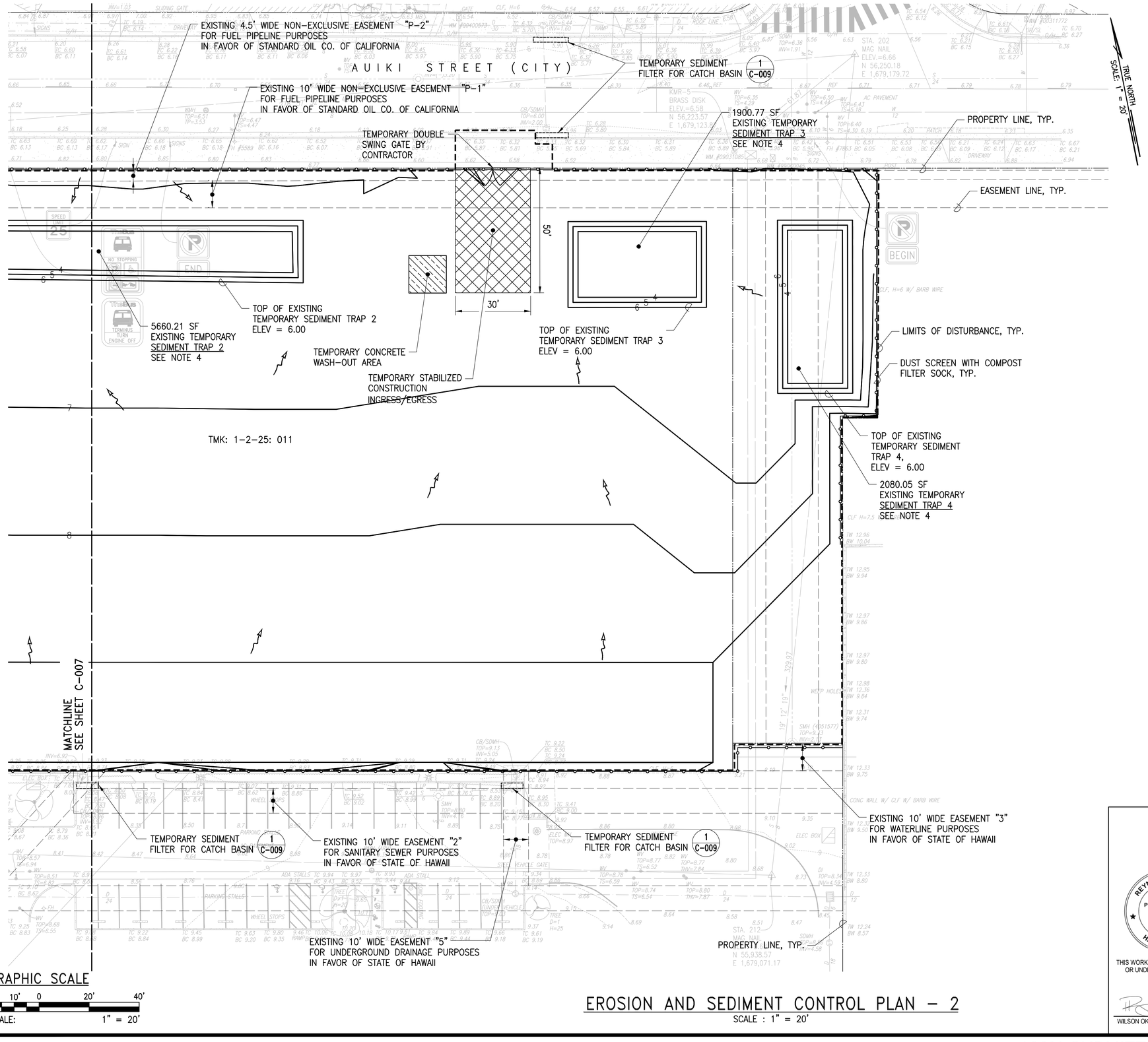
SHEET TITLE
EROSION AND SEDIMENT CONTROL PLAN - 1

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DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-007
23 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



GRAPHIC SCALE

20' 10' 0 20' 40'

SCALE: 1" = 20'

EROSION AND SEDIMENT CONTROL PLAN – 2

SCALE : 1" = 20'

NOTES:

1. THE PROJECT IS A CATEGORY 5 GRADING PROJECT.
2. SEE SHEET T-006 FOR EROSION AND SEDIMENT CONTROL PLAN NOTES.
3. SEE SHEETS C-009 FOR EROSION AND SEDIMENT CONTROL PLAN DETAILS.
4. EXISTING SEDIMENT TRAP

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  EFFECTIVE TREATMENT AREA = 0.27 ACRE
  REQUIRED VOLUME = 35.39 C.Y.
  TRAP DEPTH = 2'

LEGEND

- LIMITS OF DISTURBANCE
- DUST SCREEN W/ COMPOST FILTER SOCK
- PROPERTY LINE
- EASEMENT LINE
- DIRECTION OF FLOW
- TEMPORARY STABILIZED CONSTRUCTION INGRESS/EGRESS
- TEMPORARY CONCRETE WASH-OUT AREA
- TEMPORARY SEDIMENT FILTER FOR CATCH BASIN

PRE-CONSTRUCTION BMPs:

- TEMPORARY STABILIZED CONSTRUCTION INGRESS/EGRESS
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- SEDIMENT TRAPS

DURING CONSTRUCTION BMPs:

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- BMPs FOR STOCKPILES, STAGING AREA, PROJECT TRAILERS, MATERIAL STORAGE, ETC. *

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POST-CONSTRUCTION BMPs:

- CONCRETE PAVEMENT

GOOD HOUSEKEEPING BMPs:

SEE EROSION AND SEDIMENT CONTROL PLAN NOTES ON SHEET T-006.

REVISION	DATE	DESCRIPTION	BY	APPROVED

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EXP 4-30-28

WILSON OKAMOTO CORPORATION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
EROSION AND SEDIMENT CONTROL PLAN - 2

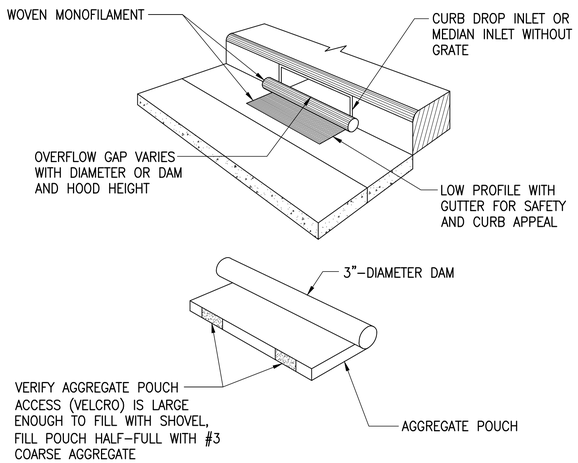
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JOB NUMBER P10981

SHEET C-008

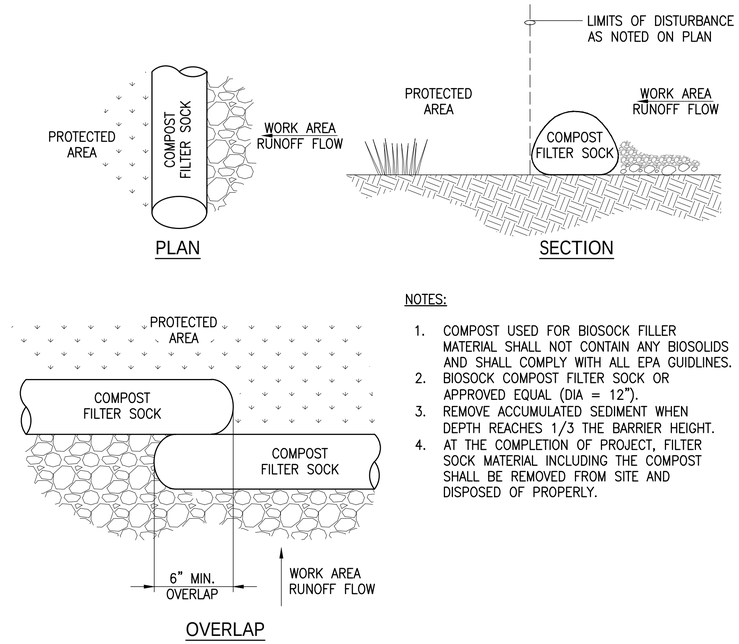
24 OF 273 SHTS.

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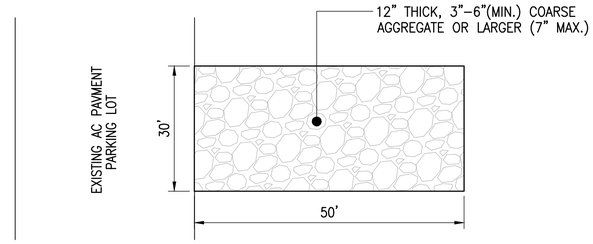
1 C-009 TEMPORARY SEDIMENT FILTER FOR CATCH BASIN

NOT TO SCALE



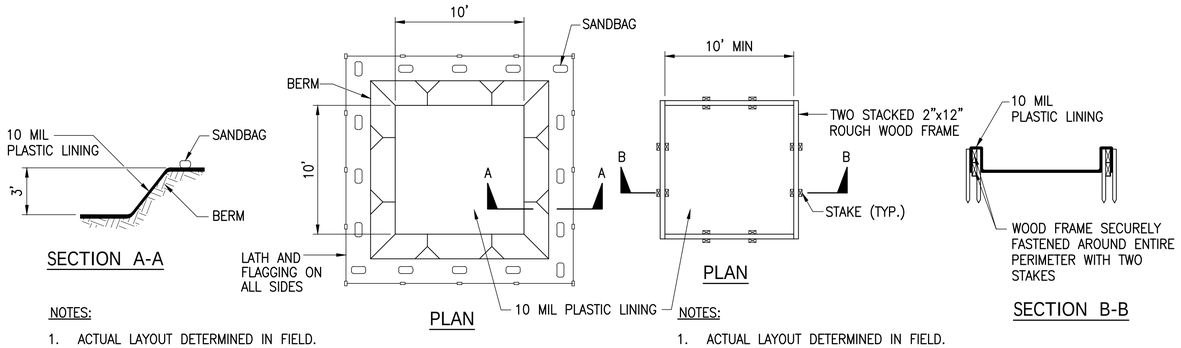
2 C-009 TEMPORARY COMPOST FILTER SOCK PERIMETER CONTROL

NOT TO SCALE



3 C-009 TEMPORARY STABILIZED CONSTRUCTION INGRESS/EGRESS

NOT TO SCALE

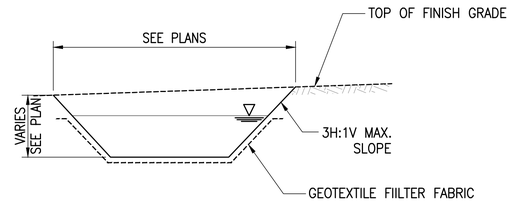


NOTES:

1. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF UN-EVAPORATED CONCRETE WASHDOWN WATER.
2. CONTRACTOR MAY USE A PORTABLE TANK IN LIEU OF A LINED BASIN. DISPOSE OF WASH WATER PROPERLY OFF SITE.

4 C-009 TEMPORARY CONCRETE WASH-OUT AREA

NOT TO SCALE



5 C-009 TEMPORARY SEDIMENT TRAP

NOT TO SCALE

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
EROSION AND SEDIMENT CONTROL PLAN DETAILS

REYN M. SUGITAYA LICENSED PROFESSIONAL ENGINEER No. 20684-C HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

WILSON OKAMOTO CORPORATION

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-009
25 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

TMK: 1-2-7: 8

TMK: 1-2-6: 21

TMK: 1-2-6: 20

TMK: 1-2-6: 102

TRUE NORTH
SCALE: 1" = 30'

EXISTING 4.5' WIDE NON-EXCLUSIVE EASEMENT "P-2"
FOR FUEL PIPELINE PURPOSES
IN FAVOR OF STANDARD OIL CO. OF CALIFORNIA

EXISTING NON-EXCLUSIVE EASEMENT "A-1"
FOR JET FUEL DELIVERY TAKE-OFF FACILITY SITE
IN FAVOR OF CHEVRON PRODUCTS CO.

EXISTING 10' WIDE NON-EXCLUSIVE EASEMENT "P-1"
FOR FUEL PIPELINE PURPOSES
IN FAVOR OF STANDARD OIL CO. OF CALIFORNIA

EXISTING 15' WIDE EASEMENT "P-3"
FOR FUEL PIPELINE PURPOSES
IN FAVOR OF STANDARD OIL CO. OF CALIFORNIA

AUIKI STREET (CITY)

CITY ROW

STATE ROW

AST/WASHRACK CANOPY

44°27'37" — 84.53'
TIE: BENCHMARK KMR-4
TO OAHU BASEYARD BASELINE

TMK: 1-2-25:36

WASH RACK

PUMP

AST

TRASH ENCLOSURE

EXISTING ℄ 3' WIDE NON-EXCLUSIVE "F-1"
FOR FUEL PIPELINE PURPOSES
IN FAVOR OF CHEVRON PRODUCTS CO.

EXISTING ℄ 10' WIDE EASEMENT "E-1"
FOR ELECTRIC POWER TRANSMISSION PURPOSES
IN FAVOR OF STATE OF HAWAIIAN ELECTRIC COMPANY, INC.

EXISTING ℄ 10' WIDE EASEMENT "4"
FOR ELECTRIC LINE PURPOSES

OAHU BASEYARD B

TMK: 1-2-25: 011

MATERIAL STORAGE

3 STALLS @ 8.5'=25.5'

2 STALLS @ 8.5'=17'

38 STALLS @ 9' = 342'

15 STALLS @ 8.5' = 127.5'

ROAD NO. 2 (STATE)

ADMINISTRATION BUILDING

OUTDOOR BREAK AREA

MAINTENANCE SHOP

LOADING ZONE

EXISTING PERPETUAL NON-EXCLUSIVE EASEMENT "6"
FOR JOINT USE ROADWAY PURPOSES
IN FAVOR OF SERVICO PACIFIC, INC.

EXISTING 10' WIDE EASEMENT "A"
FOR COMMUNICATION CABLE PURPOSES
IN FAVOR OF U.S.A.

EXISTING 30' WIDE EASEMENT "5"
FOR ACCESS PURPOSES

EXISTING EASEMENT "1"
FOR ACCESS AND UTILITY PURPOSES
IN FAVOR OF LOT 3-B

EXISTING 10' WIDE EASEMENT "2"
FOR SANITARY SEWER PURPOSES
IN FAVOR OF STATE OF HAWAII

EXISTING 21' WIDE EASEMENT
FOR SANITARY SEWER PURPOSES

EXISTING 10' WIDE EASEMENT "3"
FOR WATERLINE PURPOSES
IN FAVOR OF STATE OF HAWAII

TRANSFORMER,
SEE ELEC. DWGS
FOR DETAILS

227°22'59" — 241.06'
TIE: BENCHMARK STA. 208
TO OAHU BASEYARD BASELINE

EXISTING 10' WIDE EASEMENT "8"
FOR UNDERGROUND DRAINAGE PURPOSES
IN FAVOR OF STATE OF HAWAII AND LOT 3-B

EXISTING 10' WIDE EASEMENT "7"
FOR UNDERGROUND DRAINAGE PURPOSES
IN FAVOR OF STATE OF HAWAII

EXISTING 10' WIDE EASEMENT "5"
FOR UNDERGROUND DRAINAGE PURPOSES
IN FAVOR OF STATE OF HAWAII

EXISTING 10' WIDE EASEMENT "6"
FOR UNDERGROUND DRAINAGE PURPOSES
IN FAVOR OF STATE OF HAWAII

PROPERTY LINE, TYP.

LEGEND

- PROPERTY LINE
- EASEMENT LINE
- 7' HIGH CHAINLINK FENCE W/ 1' HIGH BARBED WIRE
- CMU WALL W/ FENCE
- A.C. PAVEMENT
- CONCRETE WALKWAY
- CONCRETE PAVEMENT
- GRAVEL
- LANDSCAPE

GRAPHIC SCALE

30' 15' 0 30' 60'

SCALE: 1" = 30'

GENERAL SITE PLAN

SCALE : 1" = 30'

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE O HAWAII
DEPARTMENT OF TRANSPORTATION
HA O S

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
ENE A SITE AN

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
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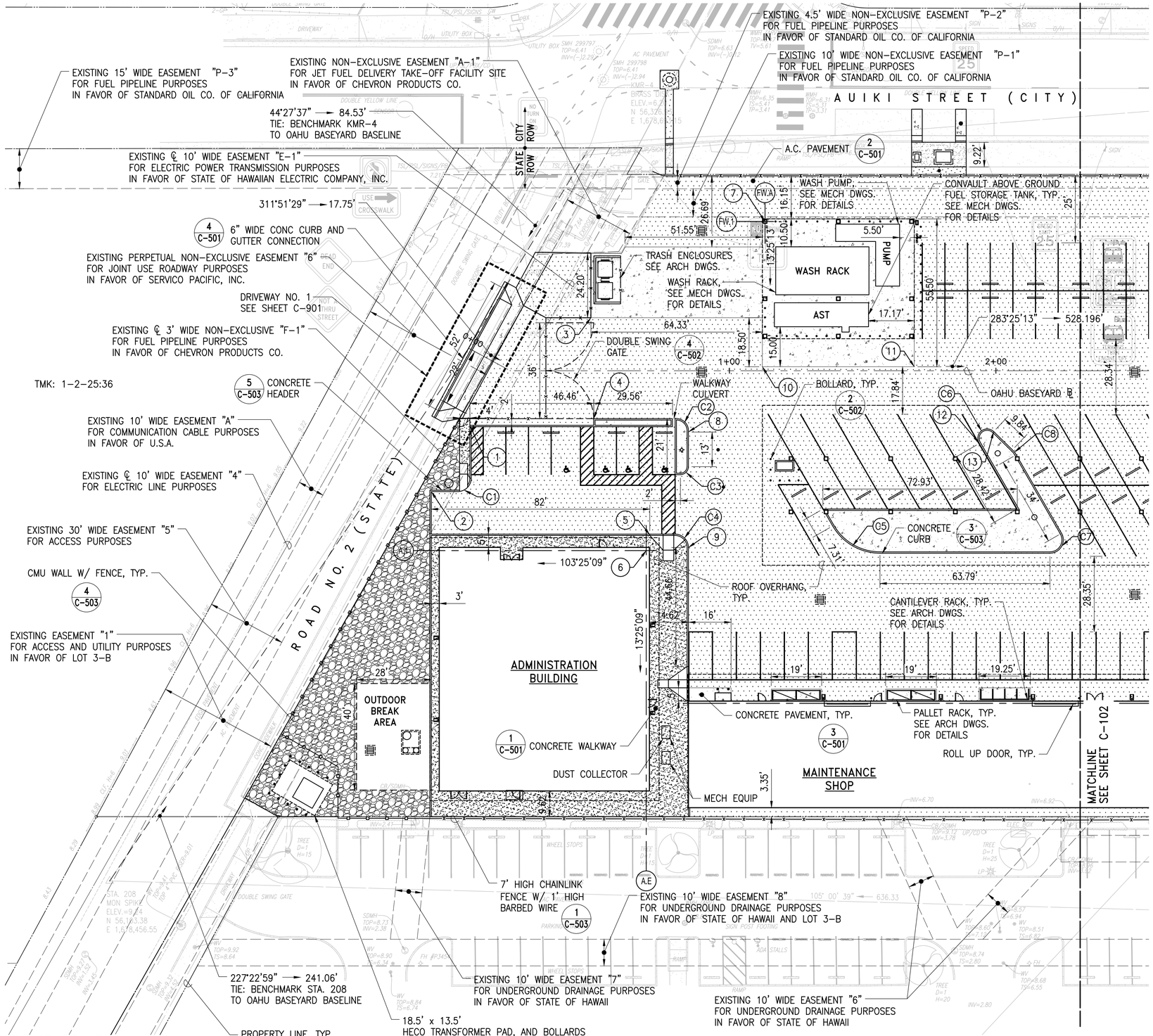
WILSON OKAMOTO CORPORATION

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P10981

SHEET
26 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



1. STA. 0+14.21 OAHU BASEYARD ℄ (O/S 25.23' RT)
2. STA. 0+13.29 OAHU BASEYARD ℄ (O/S 53.97' RT)
3. STA. 0+48.04 OAHU BASEYARD ℄ (O/S 19.90' LT)
4. STA. 0+49.14 OAHU BASEYARD ℄ (O/S 18.00' RT)
5. STA. 0+70.12 OAHU BASEYARD ℄ (O/S 61.58' RT)
6. TIE: STA. 0+68.79 OAHU BASEYARD ℄ (O/S 67.50' RT) TO INTERSECTION A.1-AE
7. TIE: STA. 1+13.37 OAHU BASEYARD ℄ (O/S 56.00' LT) TO INTERSECTION FW.1-FW.A
8. STA. 0+84.62 OAHU BASEYARD ℄ (O/S 23.00' RT)
9. STA. 0+84.62 OAHU BASEYARD ℄ (O/S 66.33' RT)
10. STA. 1+12.37 OAHU BASEYARD ℄ (O/S 1.50' LT)
11. STA. 1+69.37 OAHU BASEYARD ℄ (O/S 1.50' RT)
12. STA. 1+93.69 OAHU BASEYARD ℄ (O/S 27.00' RT)
13. STA. 1+99.17 OAHU BASEYARD ℄ (O/S 22.84' RT)

CURVE TABLE						
Curve #	Δ	Δ/2	R	T	Ch	Lc
C1	90°00'00"	45°00'00"	5.00'	5.00'	7.07'	7.85'
C2	90°00'00"	45°00'00"	3.00'	3.00'	4.24'	4.71'
C3	90°00'00"	45°00'00"	3.00'	3.00'	4.24'	4.71'
C4	90°00'00"	45°00'00"	5.00'	5.00'	7.07'	7.85'
C5	59°59'58"	29°59'59"	20.50'	11.83'	20.50'	21.47'
C6	164°24'13"	82°12'6.5"	3.50'	25.56'	6.94'	10.04'
C7	120°00'00"	60°00'00"	5.00'	8.66'	8.66'	10.47'
C8	15°35'50"	7°47'55"	6.00'	0.82'	1.63'	1.63'

LEGEND

- PROPERTY LINE
- EASEMENT LINE
- 7' HIGH CHAINLINK FENCE W/ 1' HIGH BARBED WIRE
- ROOF OVERHANG
- CMU WALL W/ FENCE
- A.C. PAVEMENT
- CONCRETE WALKWAY
- CONCRETE PAVEMENT
- GRAVEL
- LANDSCAPE

GRAPHIC SCALE
20' 10' 0 20' 40'
SCALE: 1" = 20'

SITE LAYOUT PLAN - 1
SCALE : 1" = 20'

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE O HAWAII
DEPARTMENT OF TRANSPORTATION
HA O S

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
SITE A OUT AN

REYN M. SUGITAYA LICENSED PROFESSIONAL ENGINEER No. 20684-C HAWAII, U.S.A.

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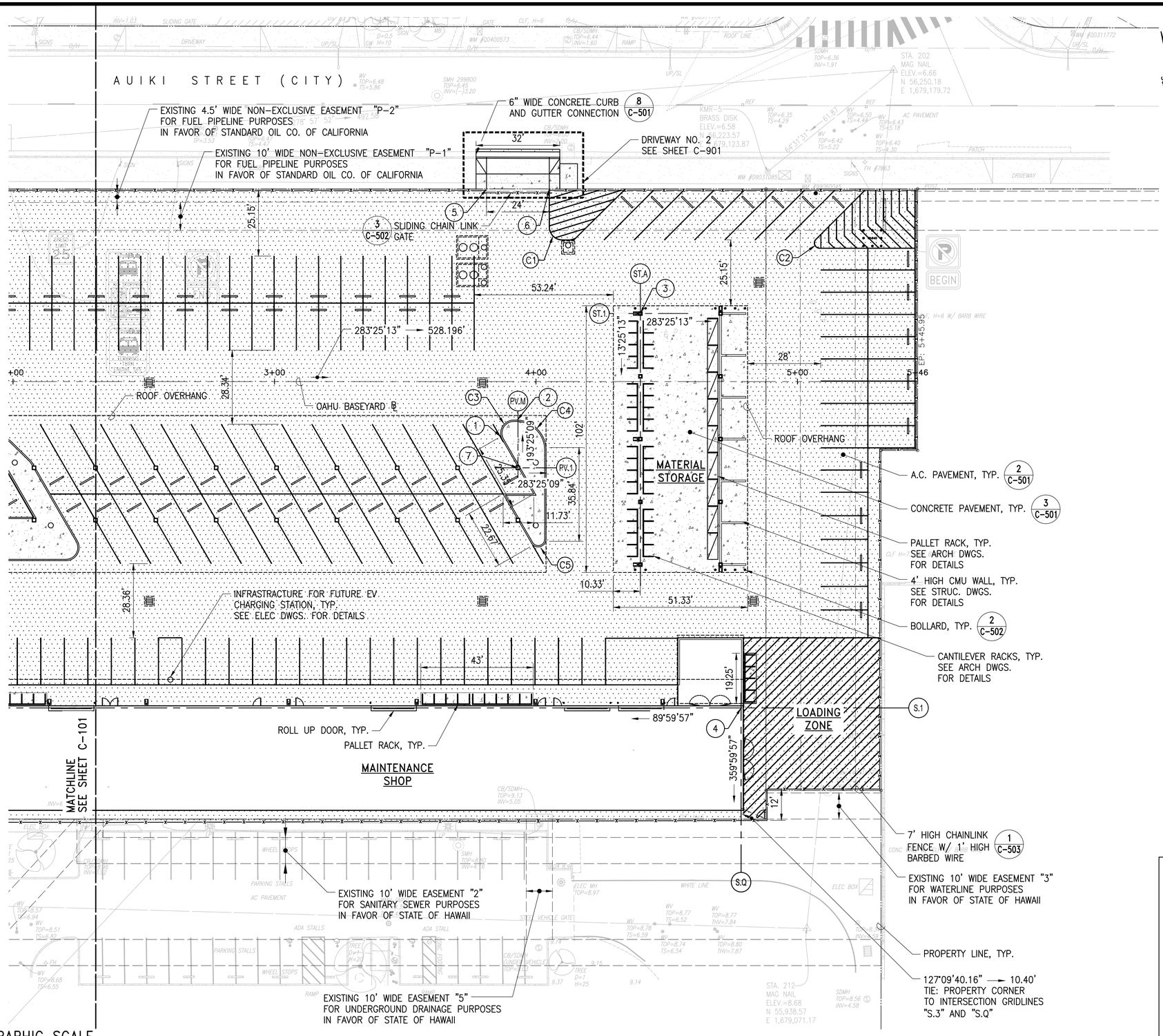
WILSON OKAMOTO CORPORATION

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SHEET 27 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



GRAPHIC SCALE

20' 10' 0 20' 40'

SCALE: 1" = 20'

SITE LAYOUT PLAN – 2

SCALE : 1" = 20'

1. STA. 3+86.49 OAHU BASEYARD ℄ (O/S 21.04' RT)
2. STA. 3+93.83 OAHU BASEYARD ℄ (O/S 14.75' RT)
3. TIE: STA. 4+39.93 OAHU BASEYARD ℄ TO INTERSECTION ST.1 – ST.A
4. TIE: STA. 4+78.44 OAHU BASEYARD ℄ (O/S 124.82' RT) TO INTERSECTION S.1 – S.Q
5. STA. 3+81.09 OAHU BASEYARD ℄ (O/S 73.65' LT)
6. STA. 4+05.09 OAHU BASEYARD ℄ (O/S 73.65' LT)
7. TIE: STA. 3+93.11 OAHU BASEYARD ℄ (O/S 33' RT) TO INTERSECTION S.1 – S.Q

CURVE TABLE

Curve #	Δ	Δ/2	R	T	Ch	Lc
C1	90°00'00"	45°00'00"	5.00'	5.00'	7.07'	7.85'
C2	135°00'00"	58°36'54"	2.00'	4.83'	3.70'	4.71'
C3	120°00'00"	52°44'03"	5.00'	8.67'	8.67'	10.47'
C4	90°00'00"	41°37'32"	11.50'	11.50'	16.26'	18.06'
C5	150°00'00"	66°45'12"	3.00'	11.20'	5.80'	7.85'

LEGEND

- PROPERTY LINE
- EASEMENT LINE
- 7' HIGH CHAINLINK FENCE W/ 1' HIGH BARBED WIRE
- ROOF OVERHANG
- A.C. PAVEMENT
- CONCRETE WALKWAY
- CONCRETE PAVEMENT

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WILSON OKAMOTO CORPORATION

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STATE O HAWAII

DEPARTMENT OF TRANSPORTATION
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JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

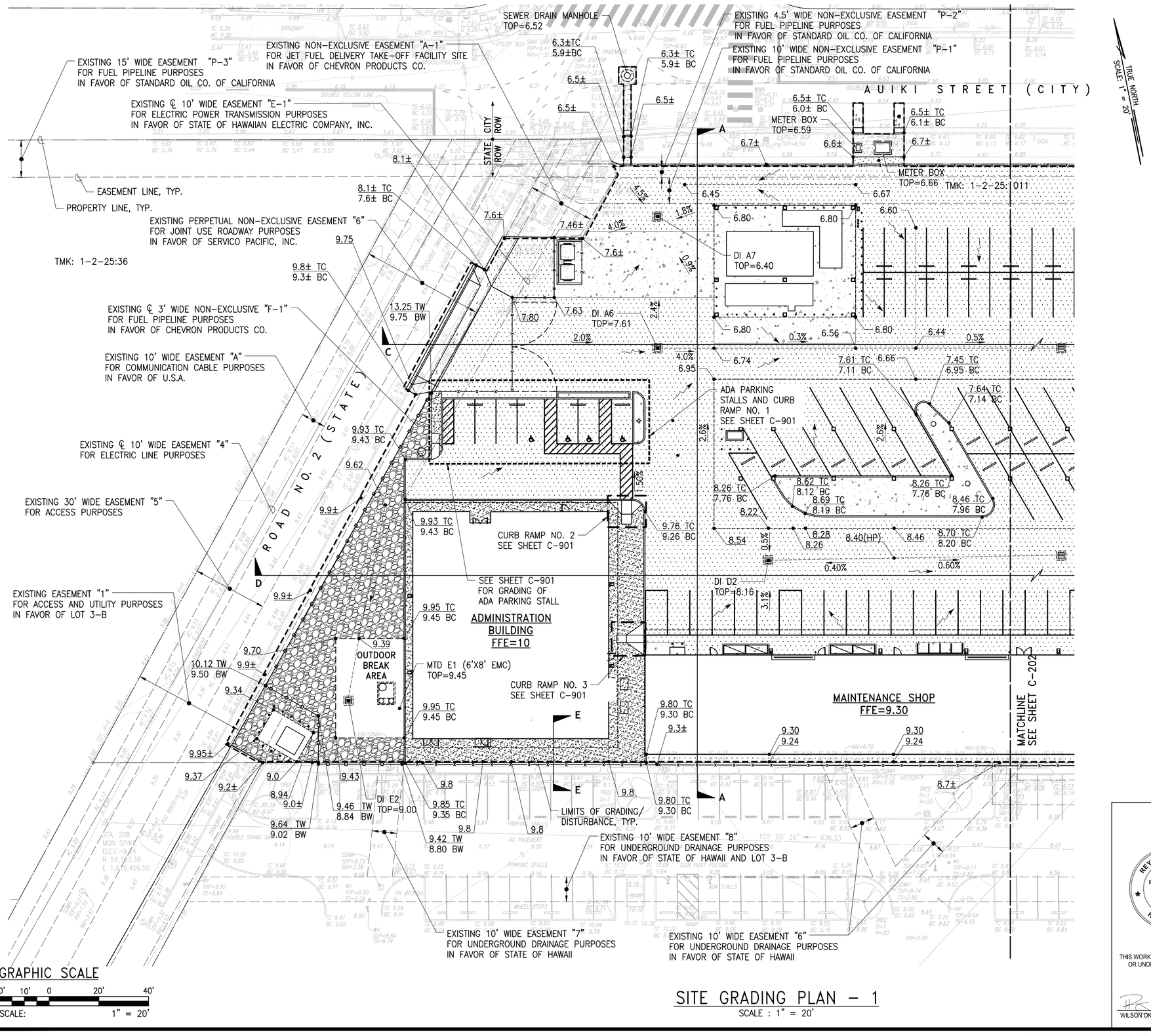
SITE A OUT AN

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SHEET 28 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



SITE GRADING PLAN – 1

SCALE : 1" = 20'

ESTIMATED EARTHWORK QUANTITIES

AREAS TO BE GRADED:	3.04	AC
AREAS TO BE DISTURBED:	3.06	AC
EXCAVATION:	139.30	C.Y.
EMBANKMENT:	2534.37	C.Y.

NOTE:

1. ESTIMATED EARTHWORK QUANTITIES ARE FOR PERMIT PURPOSES ONLY.

LEGEND

- PROPERTY LINE
- EASEMENT LINE
- LIMITS OF GRADING/DISTURBANCE
- LIMITS OF DISTURBANCE
- GRADE BREAK
- 9.17 EXISTING SPOT ELEVATION
- EXISTING CONTOUR
- XX.XX PROPOSED SPOT ELEVATION
- X.X% PROPOSED SLOPE
- DIRECTION OF FLOW
- A.C. PAVEMENT
- CONCRETE WALKWAY
- CONCRETE PAVEMENT
- LANDSCAPE
- GRAVEL

NOTE:

1. SEE SHEET C-1301 TO C-1303 FOR SITE SECTIONS.

REYN M. SUGITAYA LICENSED PROFESSIONAL ENGINEER No. 20684-C HAWAII, U.S.A.

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SHEET TITLE

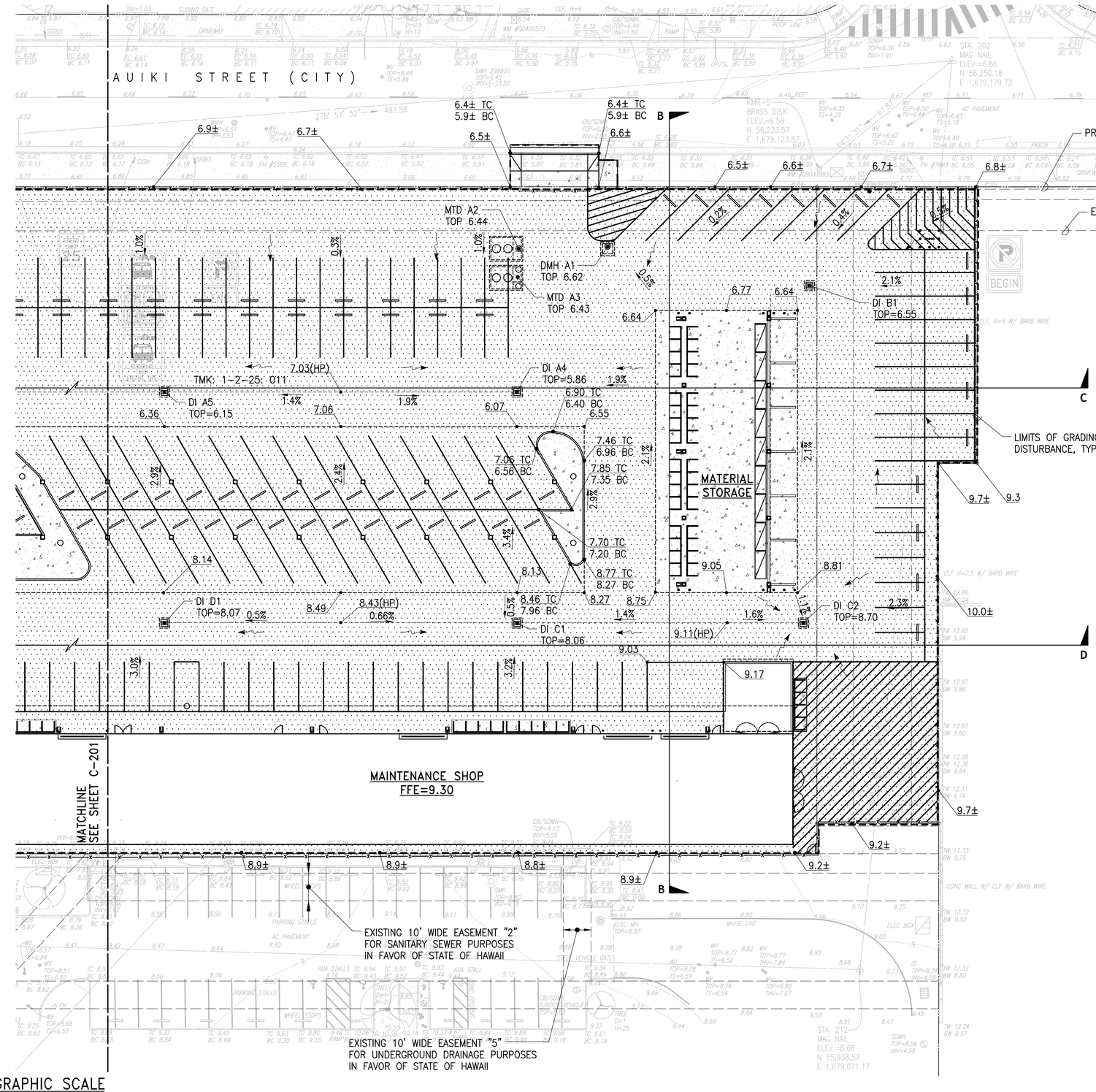
SITE A IN AN

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JOB NUMBER P10981

SHEET 29 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



LEGEND

- PROPERTY LINE
- EASEMENT LINE
- LIMITS OF GRADING/DISTURBANCE
- LIMITS OF DISTURBANCE
- GRADE BREAK
- 9.17 EXISTING SPOT ELEVATION
- 8 EXISTING CONTOUR
- XX.XX PROPOSED SPOT ELEVATION
- X.X% PROPOSED SLOPE
- DIRECTION OF FLOW
- A.C. PAVEMENT
- CONCRETE WALKWAY
- CONCRETE PAVEMENT

NOTE:

1. SEE SHEET C-1301 TO C-1303 FOR SITE SECTIONS.

GRAPHIC SCALE

20' 10' 0 20' 40'

SCALE: 1" = 20'

SITE GRADING PLAN – 2

SCALE : 1" = 20'

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BASEYARD RELOCATION AT AUIKI STREET

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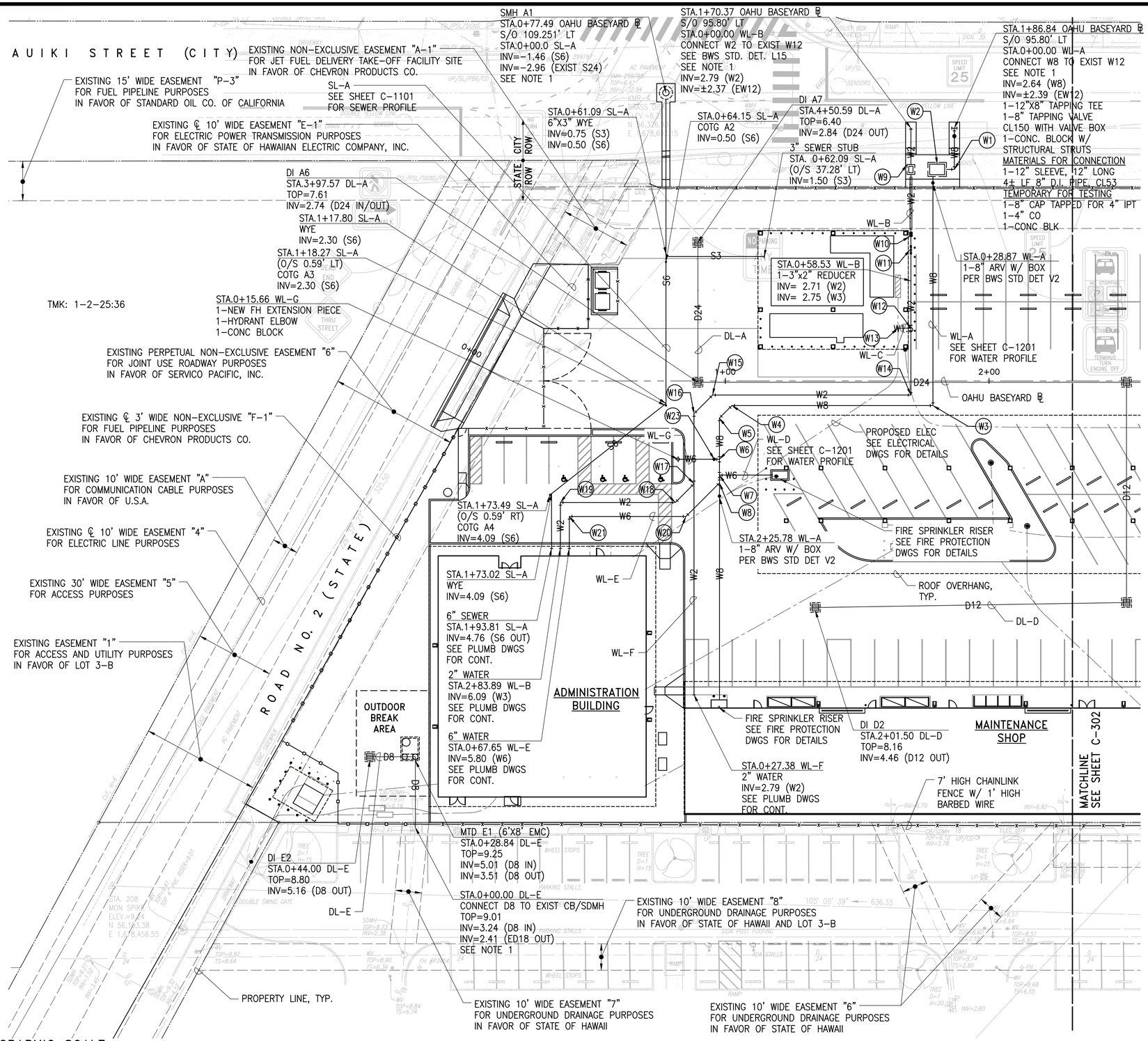
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SHEET

30 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



W1 STA.0+15.62 WL-A
1-8" 1/4 BEND
1-CONC. BLK.

W2 STA.0+22.15 WL-A
8" DC METER AND BOX WITH 2-8" FLANGE ISOLATION KITS
TOP=6.55
SEE BWS STD DET M19, M26, M30, & M31.

W3 STA.1+13.28 WL-A
1-8" 1/4 BEND
1-CONC. BLK.

W4 STA.1+89.49 WL-A
1-8" 1/8 BEND
1-CONC. BLK.

W5 STA.1+96.18 WL-A
1-8" 1/8 BEND
1-CONC. BLK.

W6 STA.2+11.78 WL-A
=STA.0+00.00 WL-G
1-8"X6" TEE
1-CONC. BLOCK W/ STRUCTURAL STRUTS

W7 STA.2+17.78 WL-A
=STA.0+00.00 WL-D
1-8"X6" TEE
1-CONC. BLK W/ STRUCTURAL STRUTS

W8 STA.2+20.78 WL-A
=STA.0+00.00 WL-E
1-8"X6" WYE
1-CONC. BLK.

W9 STA.0+15.62 WL-B
1-1/2" METER WITH TYPE "III" METER BOX
TOP=6.54
SEE BWS STD DET L15, L18, M4, M5, M6 & M43.

W10 STA.0+40.23 WL-B
2" GATE VALVE W/ VALVE BOX
1-2" GV CL150 FL
SEE BWS STD DET V14

W11 2" BOARD OF WATER SUPPLY (BWS) APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY AFTER THE WATER METER PRIOR TO ANY TEES OR BRANCHES PER BWS STD DET V9.

W12 STA.0+75.79 WL-B
=STA.0+00.00 WL-C
1-2"X1.5" BOSSED TEE

W13 STA. 0+5.00 WL-C
1.5" WATER
INV=2.71 (W2)
SEE PLUMB DWGS FOR CONT.

W14 STA.1+13.28 WL-B
1-2" 1/4 BEND

W15 STA.1+76.30 WL-B
1-2" 1/8 BEND

W16 STA.1+86.31 WL-B
1-2" 1/8 BEND

W17 STA.2+12.89 WL-B
=STA. 0+00.00 WL-F
1-2"X2" WYE

W18 STA. 2+22.89 WL-B
1-2" 1/8 BEND

W19 STA.2+66.46 WL-B
1-2" 1/4 BEND

W20 STA. 0+18.00 WL-E
1-6" 1/8 BEND
1-CONC. BLK.

W21 STA. 0+62.18WL-E
1-6" 1/4 BEND
1-CONC. BLK.

W22 STA. 0+2.00 WL-G
1-8" GATE VALVE CL150 W/ BOX

NOTES:

1. CONTRACTOR TO VERIFY INVERT AND LOCATION OF EXISTING UTILITY CROSSINGS PRIOR TO CONSTRUCTION.
2. CATHODIC PROTECTION TO BE PROVIDED FOR BWS DEDICATED WATERLINE.
3. BOARD OF WATER SUPPLY CROSS-CONNECTION CONTROL SECTION (808-748-5470) TO BE NOTIFIED 72 HOURS PRIOR TO CONCRETE POUR FOR OPEN TRENCH INSPECTION OF CONCRETE JACKET INSTALLATION
4. FOR RC JACKET, SEE BWS STD. DET B1

LEGEND

- PROPERTY LINE
- EASEMENT LINE
- W12 EXISTING WATERLINE
- S24 EXISTING SEWERLINE
- D18 EXISTING DRAINLINE
- ELEC EXISTING ELECTRICAL LINE
- W6 PROPOSED WATERLINE
- S6 PROPOSED SEWERLINE
- D12 PROPOSED DRAINLINE
- E PROPOSED ELEC

GRAPHIC SCALE
20' 10' 0 20' 40'
SCALE: 1" = 20'

SITE UTILITY PLAN - 1
SCALE : 1" = 20'

REYN M. SUGITAYA LICENSED PROFESSIONAL ENGINEER No. 20684-C HAWAII, U.S.A.

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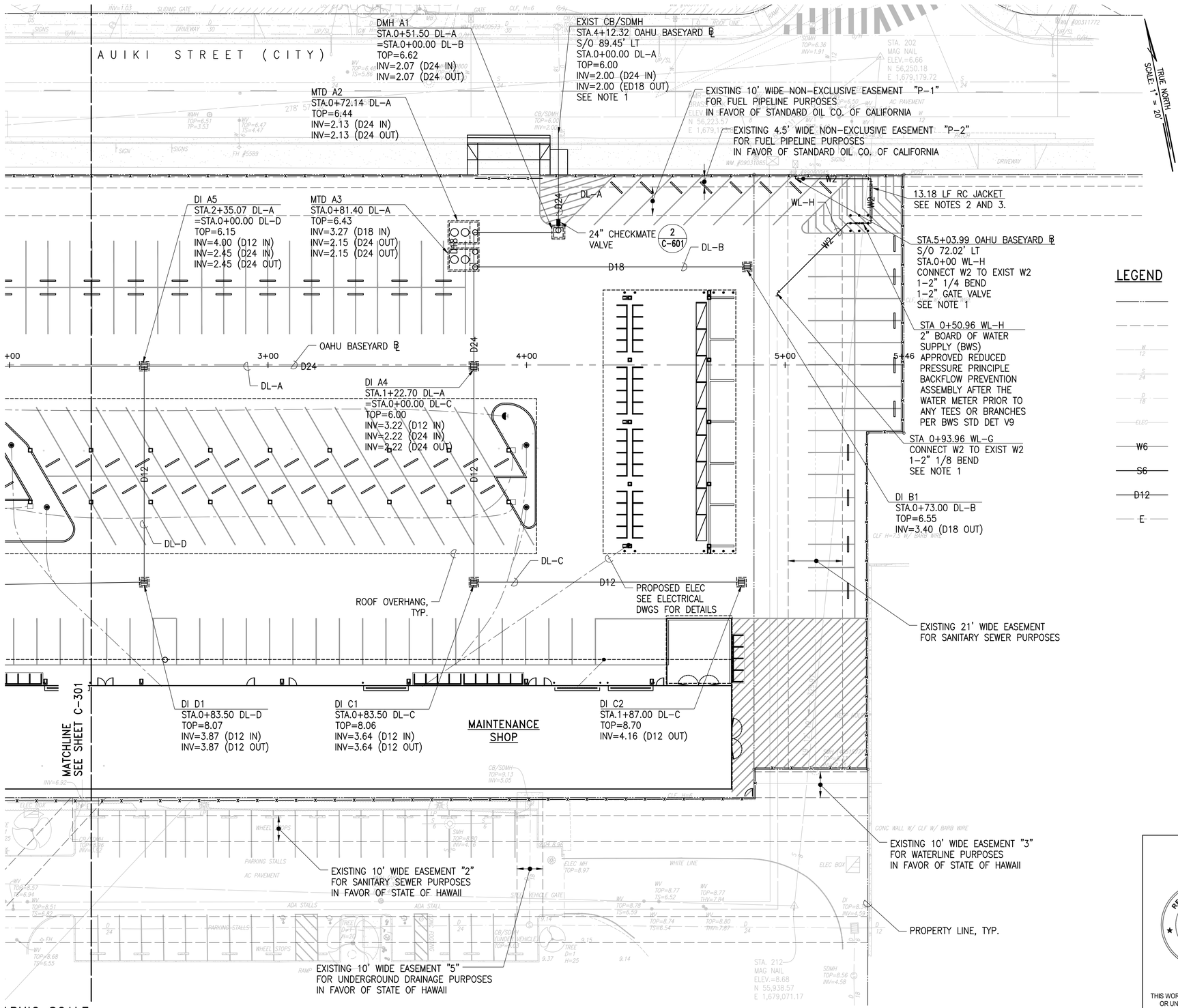
SHEET TITLE
SITE UTI IT AN

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JOB NUMBER
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SHEET
31 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



LEGEND

- PROPERTY LINE
- EASEMENT LINE
- EXISTING WATERLINE (W 12)
- EXISTING SEWERLINE (S 24)
- EXISTING DRAINLINE (D 18)
- EXISTING ELECTRICAL LINE (ELEC)
- PROPOSED WATERLINE (W6)
- PROPOSED SEWERLINE (S6)
- PROPOSED DRAINLINE (D12)
- PROPOSED ELEC (E)

NOTES:

1. CONTRACTOR TO VERIFY INVERT AND LOCATION OF EXISTING UTILITY CROSSINGS PRIOR TO CONSTRUCTION.
2. CATHODIC PROTECTION TO BE PROVIDED FOR BWS DEDICATED WATERLINE.
3. BOARD OF WATER SUPPLY CROSS-CONNECTION CONTROL SECTION (808-748-5470) TO BE NOTIFIED 72 HOURS PRIOR TO CONCRETE POUR FOR OPEN TRENCH INSPECTION OF CONCRETE JACKET INSTALLATION
4. FOR RC JACKET, SEE BWS STD. DET B1

GRAPHIC SCALE

20' 10' 0 20' 40'

SCALE: 1" = 20'

SITE UTILITY PLAN – 2

SCALE : 1" = 20'

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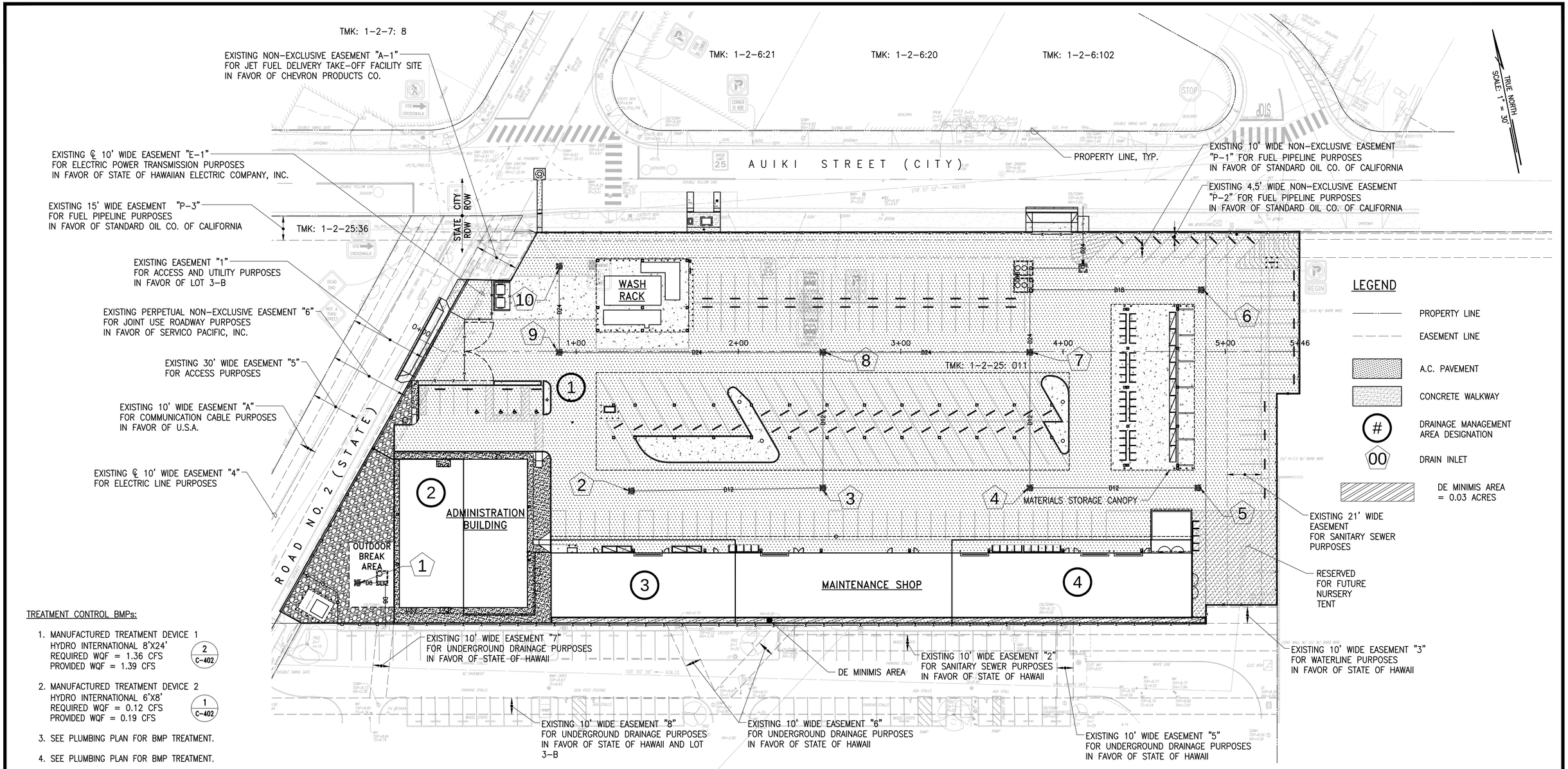
JOB NUMBER

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SHEET

32 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



TREATMENT CONTROL BMPs:

1. MANUFACTURED TREATMENT DEVICE 1 (2 / C-402)
   HYDRO INTERNATIONAL 8'X24'
   REQUIRED WQF = 1.36 CFS
   PROVIDED WQF = 1.39 CFS
2. MANUFACTURED TREATMENT DEVICE 2 (1 / C-402)
   HYDRO INTERNATIONAL 6'X8'
   REQUIRED WQF = 0.12 CFS
   PROVIDED WQF = 0.19 CFS
3. SEE PLUMBING PLAN FOR BMP TREATMENT.
4. SEE PLUMBING PLAN FOR BMP TREATMENT.

SOURCE CONTROL BMPS:

1. OUTDOOR PARKING AREAS
   1.1 PARKING AREAS THAT ARE PAVED WITH IMPERMEABLE MATERIAL ARE GRADED TO DIRECT RUNOFF TOWARDS POST-CONSTRUCTION TREATMENT CONTROL BMPS.
2. LANDSCAPED AREAS
   2.1. NOT PROVIDED FOR THIS PROJECT.
3. STORM DRAIN INLETS
   3.1. ALL STORM DRAIN INLETS & CATCH BASINS, CONSTRUCTED OR MODIFIED, WITHIN THE PROJECT AREA ARE LABELED WITH PROHIBITIVE LANGUAGE. (1 / C-602)
4. AUTOMATIC IRRIGATION
   4.1. NOT PROVIDED FOR THIS PROJECT.
5. OUTDOOR TRASH STORAGE
   5.1. TRASH STORAGE AREAS ARE WITHIN THE ENCLOSED PARKING GARAGE
   5.2. HAZARDOUS WASTE MUST BE HANDLED IN ACCORDANCE WITH LEGAL REQUIREMENTS ESTABLISHED IN HAWAII ADMINISTRATIVE RULES TITLE 11 CHAPTER 58.1 SOLID WASTE MANAGEMENT CONTROL, AND ENFORCEMENT BY THE STATE OF HAWAII DEPARTMENT OF HEALTH SOLID AND HAZARDOUS WASTE BRANCH
   5.3. PAVE TRASH STORAGE AREAS WITH AN IMPERVIOUS SURFACE TO MITIGATE SPILLS.
6. VEHICLE AND EQUIPMENT FUELING AREA
   6.1. AN OVERHANGING ROOF STRUCTURE OR CANOPY IS INCLUDED OVER FUEL DISPENSING AREA
7. VEHICLE AND EQUIPMENT REPAIR
   7.1. REPAIR/MAINTENANCE BAYS ARE LOCATED INDOORS; OR DESIGNED THEM TO PRECLUDE RUN-ON AND RUNOFF.
8. VEHICLE AND EQUIPMENT WASHING AND CLEANING
   8.1. WASHING AND CLEANING AREA IS SELF-CONTAINED AND/OR COVERED WITH A ROOF OR OVERHANG
9. OUTDOOR MATERIAL STORAGE
   9.1. THE STORAGE AREA IS PAVED WITH PORTLAND CEMENT CONCRETE (OR EQUIVALENT SMOOTH IMPERVIOUS SURFACE).
   9.2. RUNOFF FROM DOWNSPOUTS/ROOFS ARE DIRECTED AWAY FROM STORAGE AREAS.
10. OUTDOOR WORK AREAS
    10.1. PAVED WITH AN IMPERMEABLE SURFACE SUCH AS ASPHALT.
    10.2. THE AREA IS COVERED WITH A ROOF.
11. OUTDOOR PROCESS EQUIPMENT OPERATIONS
    11.1. NOT PROVIDED FOR THIS PROJECT.

GRAPHIC SCALE

30' 15' 0 30' 60'

SCALE: 1" = 30'

POST CONSTRUCTION BMP PLAN

SCALE : 1" = 30'

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
POST CONSTRUCTION BMP PLAN

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

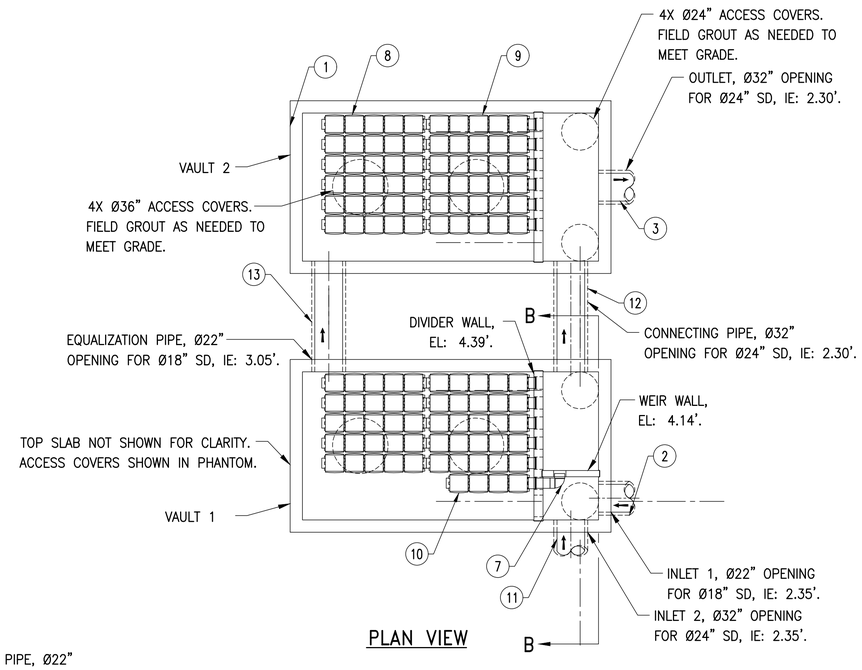
SHEET
C-401
33 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

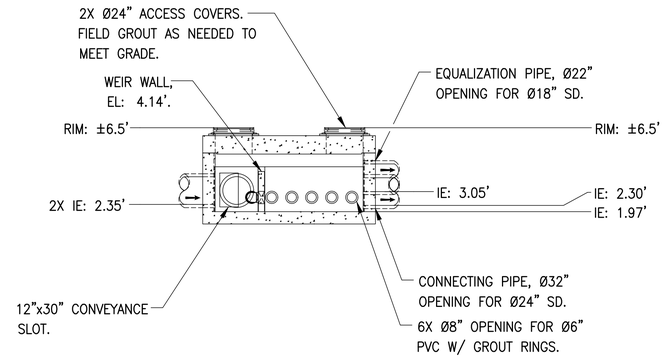
STRUCTURE PROPERTIES	
STRUCTURE ID	–
MODEL SIZE	EMC UFF-816
TREATMENT FLOW RATE (cfs)	1.36
PEAK FLOW RATE (cfs)	–

NOTES :

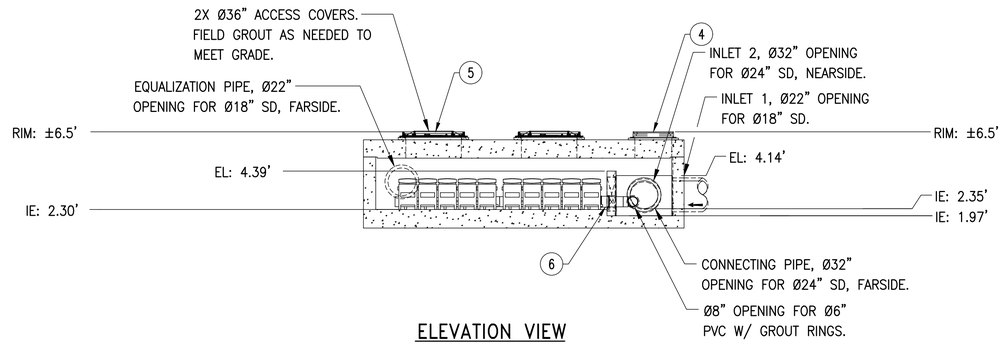
1. LIVE LOADING CRITERIA:
   A. AASHTO HS-20-44 (WITH IMPACT)
   B. LATERAL LIVE LOAD SURCHARGE: 80 PSF (TO 8.00 FT DEPTH)
   C. NO LATERAL SURCHARGE FROM ANY ADJACENT BUILDINGS, WALLS, FOUNDATIONS, OR ANY ADDITIONAL SITE ELEMENTS.
2. SOIL LOADING CRITERIA:
   A. SOIL COVER DEPTH: 0.50 FT (MIN.) – 5.00 FT (MAX.)
   B. SOIL UNIT WEIGHT: 120 PCF
   C. ASSUMED WATER TABLE ELEVATION: BELOW BOTTOM OF PRECAST
   D. REQUIRED ALLOWABLE BEARING PRESSURE: 2,500 PSF
   E. EQUIVALENT LATERAL FLUID PRESSURE: 45 PCF (ACTIVE)
   F. SEISMIC LATERAL EARTH PRESSURES: NOT APPLICABLE
3. CONCRETE (NORMALWEIGHT):
   A. MIN. 28-DAY COMPRESSIVE STRENGTH: 6,000 PSI
   B. CEMENT: ASTM C150
4. STEEL REINFORCEMENT: ASTM A615 / A706 (GRADE 60)
5. REFERENCE STANDARDS: ASTM C890& C913, ACI 318-14
6. THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED HEREIN. ENGINEER-OF-RECORD SHALL VERIFY THAT NOTED PARAMETERS MEET OR EXCEED PROJECT REQUIREMENTS. IF DESIGN PARAMETERS ARE INCORRECT, REVIEWING ENGINEER/AUTHORITY SHALL NOTIFY OLDCASTLE INFRASTRUCTURE UPON REVIEW OF THIS SUBMITTAL.
7. OVERSIZED HOLES TO ACCOMMODATE SPECIFIC PIPE TYPE MUST BE CONCENTRIC TO PIPE ID. AFTER PIPES ARE INSTALLED, ALL ANNULAR SPACES SHALL BE FILLED WITH A MINIMUM OF 3,000 PSI CONCRETE FOR FULL THICKNESS OF PRECAST WALLS. PIPES ARE TO BE FLUSH WITH THE INSIDE SURFACE OF THE CONCRETE STRUCTURE.
8. CONTRACTOR RESPONSIBLE TO VERIFY ALL SIZES, LOCATIONS, AND ELEVATIONS OF OPENINGS.
9. CONTRACTOR RESPONSIBLE TO ENSURE ADEQUATE BEARING SURFACE IS PROVIDED (I.E. COMPACTED AND LEVEL PER PROJECT SPECIFICATIONS).
10. SECTION HEIGHTS, SLAB/WALL THICKNESSES, AND KEYWAYS ARE SUBJECT TO CHANGE AS REQUIRED FOR SITE REQUIREMENTS AND/OR DUE TO PRODUCT AVAILABILITY AND PRODUCTION FACILITY CONSTRAINTS.
11. MAXIMUM PICK WEIGHTS: BASE = 36,200 LBS. (INTERNALS SHIPPED SEPARATLY)
12. MINIMUM PERFORMANCE: 80% REMOVAL. NJDEP – NJDEP BLEND; NJCAT, SIL-CO-SIL 106 (d50 = 22 MICRONS) AT THE PEAK TREATMENT FLOW.
13. NORMAL OPERATING W.S.E. IS 2.46' ABOVE THE OUTLET INVERT AT THE PEAK TREATMENT FLOW OF 0.056 CFS (25 GPM) PER MODULE. FOR A GIVEN FLOW THE HEAD REQUIREMENT CAN BE REDUCED BY ADDING ADDITIONAL FILTERS.



PLAN VIEW



SECTION B-B
(36"x72" ACCESS HATCH (FARSIDE) NOT SHOWN FOR CLARITY)



ELEVATION VIEW

BILL OF MATERIALS						
ITEM	DESCRIPTION	BY	INSTALL	QTY	UNIT	SIZE & TYPE
1	PRECAST VAULT	GC	GC	2	EA	8ft x 16ft
2	INLET PIPE 1	GC	GC	1	EA	18"Ø SD
3	OUTLET PIPE	GC	GC	1	EA	24"Ø SD
4	FRAME & COVER	OI	GC	4	EA	36"Ø
5	FRAME & COVER	OI	GC	4	EA	24"Ø
6	UNDERDRAIN CONNECTION KIT	OI	OI	12	EA	
7	INLET BAY PASSTHROUGH KIT I	OI	OI	1	EA	
8	CARTRIDGE	OI	OI	114	EA	36"
9	UNDERDRAIN KIT V	OI	OI	22	EA	
10	UNDERDRAIN KIT IV	OI	OI	1	EA	
11	INLET PIPE 2	GC	GC	1	EA	24"Ø SD
12	CONNECTING PIPE	GC	GC	1	EA	24"Ø SD
13	EQUALIZATION PIPE	GC	GC	1	EA	18"Ø SD

1
C-402

8'X16' MANUFACTURED TREATMENT DEVICE

NOT TO SCALE

REVISION	DATE	DESCRIPTION	BY	APPROVED

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

WILSON OKAMOTO CORPORATION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
POST CONSTRUCTION BMP DETAILS - 1

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

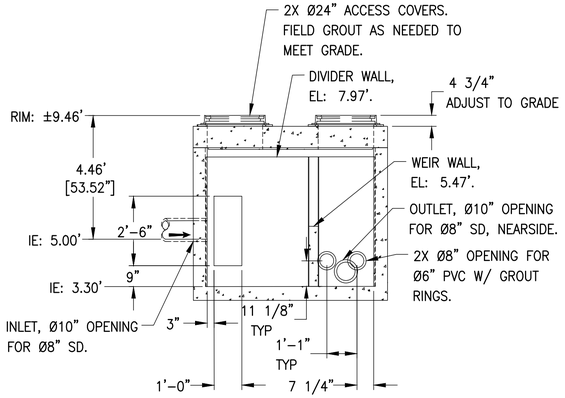
SHEET
C-402
34 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

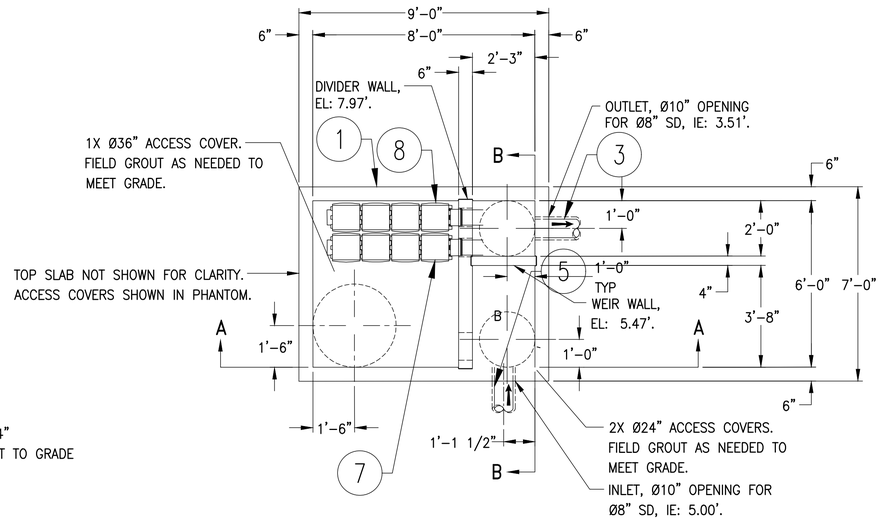
STRUCTURE PROPERTIES	
STRUCTURE ID	–
MODEL SIZE	EMC UFF–68
TREATMENT FLOW RATE (cfs)	0.09
PEAK FLOW RATE (cfs)	–

NOTES:

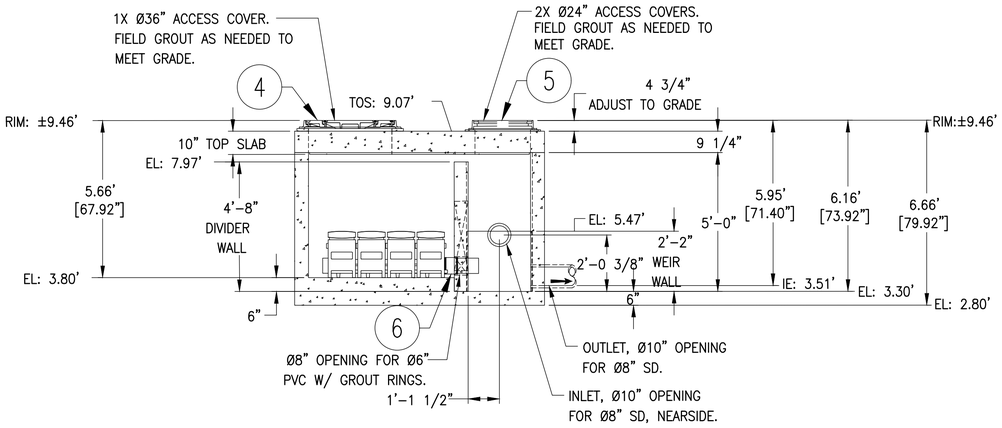
1. LIVE LOADING CRITERIA:
   - A. AASHTO HS–20–44 (WITH IMPACT)
   - B. LATERAL LIVE LOAD SURCHARGE: 80 PSF (TO 8.00 FT DEPTH)
   - C. NO LATERAL SURCHARGE FROM ANY ADJACENT BUILDINGS, WALLS, FOUNDATIONS, OR ANY ADDITIONAL SITE ELEMENTS.
2. SOIL LOADING CRITERIA:
   - A. SOIL COVER DEPTH: 0.50 FT (MIN.) – 5.00 FT (MAX.)
   - B. SOIL UNIT WEIGHT: 120 PCF
   - C. ASSUMED WATER TABLE ELEVATION: BELOW BOTTOM OF PRECAST
   - D. REQUIRED ALLOWABLE BEARING PRESSURE: 2,500 PSF
   - E. EQUIVALENT LATERAL FLUID PRESSURE: 45 PCF (ACTIVE)
   - F. SEISMIC LATERAL EARTH PRESSURES: NOT APPLICABLE
3. CONCRETE (NORMAL WEIGHT):
   - A. MIN. 28–DAY COMPRESSIVE STRENGTH: 6,000 PSI
   - B. CEMENT: ASTM C150
4. STEEL REINFORCEMENT: ASTM A615 / A706 (GRADE 60)
5. REFERENCE STANDARDS: ASTM C890& C913, ACI 318–14
6. THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED HEREIN. ENGINEER–OF–RECORD SHALL VERIFY THAT NOTED PARAMETERS MEET OR EXCEED PROJECT REQUIREMENTS. IF DESIGN PARAMETERS ARE INCORRECT, REVIEWING ENGINEER/AUTHORITY SHALL NOTIFY OLDCASTLE INFRASTRUCTURE UPON REVIEW OF THIS SUBMITTAL.
7. OVERSIZED HOLES TO ACCOMMODATE SPECIFIC PIPE TYPE MUST BE CONCENTRIC TO PIPE ID. AFTER PIPES ARE INSTALLED, ALL ANNULAR SPACES SHALL BE FILLED WITH A MINIMUM OF 3,000 PSI CONCRETE FOR FULL THICKNESS OF PRECAST WALLS. PIPES ARE TO BE FLUSH WITH THE INSIDE SURFACE OF THE CONCRETE STRUCTURE.
8. CONTRACTOR RESPONSIBLE TO VERIFY ALL SIZES, LOCATIONS, AND ELEVATIONS OF OPENINGS.
9. CONTRACTOR RESPONSIBLE TO ENSURE ADEQUATE BEARING SURFACE IS PROVIDED (I.E. COMPACTED AND LEVEL PER PROJECT SPECIFICATIONS).
10. SECTION HEIGHTS, SLAB/WALL THICKNESSES, AND KEYWAYS ARE SUBJECT TO CHANGE AS REQUIRED FOR SITE REQUIREMENTS AND/OR DUE TO PRODUCT AVAILABILITY AND PRODUCTION FACILITY CONSTRAINTS.
11. MAXIMUM PICK WEIGHTS: BASE = 18,200 LBS. (INTERNALS SHIPPED SEPARETLY)
12. MINIMUM PERFORMANCE: 80% REMOVAL. NJDEP – NJDEP BLEND; NJCAT, SIL–CO–SIL 106 (d50 = 22 MICRONS) AT THE PEAK TREATMENT FLOW.
13. NORMAL OPERATING W.S.E. IS 246' ABOVE THE OUTLET INVERT AT THE PEAK TREATMENT FLOW OF 0.056 CFS (25 GPM) PER MODULE. FOR A GIVEN FLOW THE HEAD REQUIREMENT CAN BE REDUCED BY ADDING ADDITIONAL FILTERS.



SECTION B–B
(36"x72" ACCESS HATCH (FARSIDE) NOT SHOWN FOR CLARITY)



PLAN VIEW



SECTION A–A

BILL OF MATERIALS						
ITEM	DESCRIPTION	BY	INSTALL	QTY	UNIT	SIZE & TYPE
1	PRECAST VAULT	GC	GC	1	EA	6ft x 8ft
2	INLET PIPE	GC	GC	1	EA	8"ø SD
3	OUTLET PIPE	GC	GC	1	EA	8"ø SD
4	FRAME & COVER	OI	GC	1	EA	36"ø / NF–0320–110
5	FRAME & COVER	OI	GC	2	EA	24"ø / NF–0320–105
6	UNDERDRAIN CONNECTION KIT	OI	OI	2	EA	
	CARTRIDGE	OI	OI	8	EA	18"
	UNDERDRAIN KIT IV	OI	OI	2	EA	

1 / C–403 — 6'X8' MANUFACTURED TREATMENT DEVICE
NOT TO SCALE

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
POST CONSTRUCTION BMP DETAILS - 2

REYN M. SUGITAYA — LICENSED PROFESSIONAL ENGINEER — No. 20684-C — HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

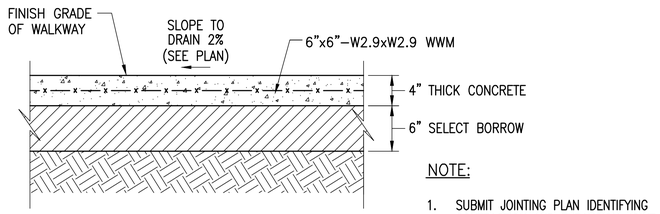
WILSON OKAMOTO CORPORATION

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER P10981

SHEET C–403
35 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

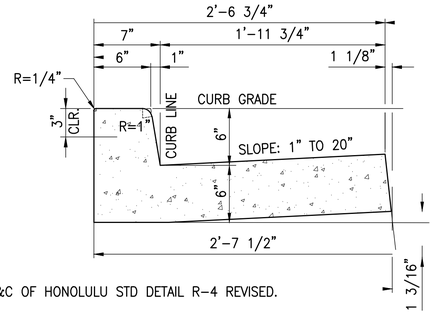


NOTE:

1. SUBMIT JOINTING PLAN IDENTIFYING CONTRACTION AND EXPANSION JOINT LOCATION PRIOR TO INSTALLATION.

1 C-501 CONCRETE SIDEWALK (CITY/STATE)

NOT TO SCALE

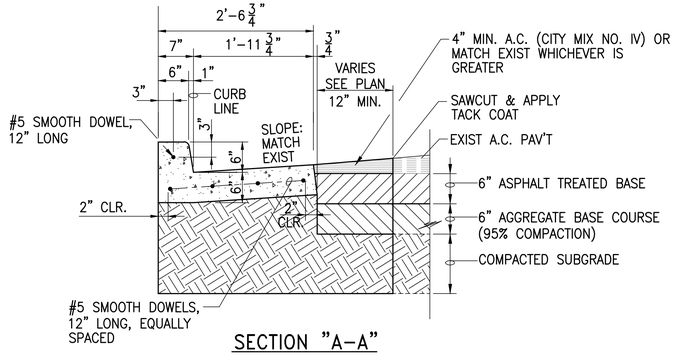


NOTES:

1. SEE C&C OF HONOLULU STD DETAIL R-4 REVISED.
2. PAVEMENT SUBGRADE SOIL SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 8 INCHES, MOISTURE CONDITIONED TO ABOVE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION
3. CLASS "A" CONCRETE SHALL BE USED FOR THE CONSTRUCTION OF CURB AND GUTTER.
4. CONTRACTOR TO PROVIDE A SMOOTH AND FLUSH CONNECTION TO THE EXISTING CURB.

4 C-501 6" CONCRETE CURB AND GUTTER (CITY)

NOT TO SCALE



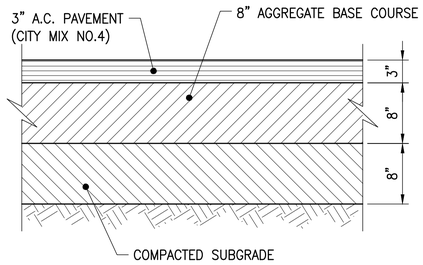
SECTION "A–A"

NOTE:

1. SEE C&C OF HONOLULU STD DETAIL R-4A REVISED.

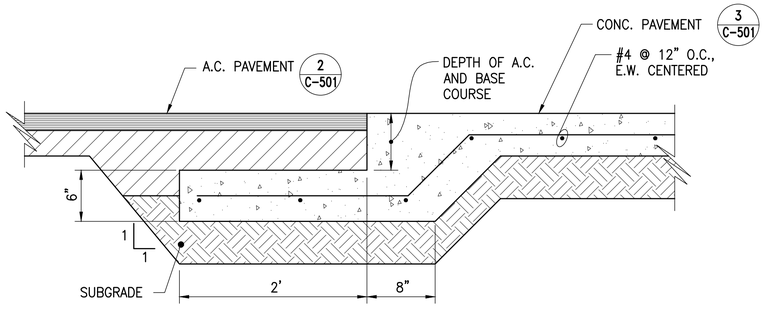
8 C-501 6" WIDE CONC CURB AND GUTTER CONNECTION (CITY)

NOT TO SCALE



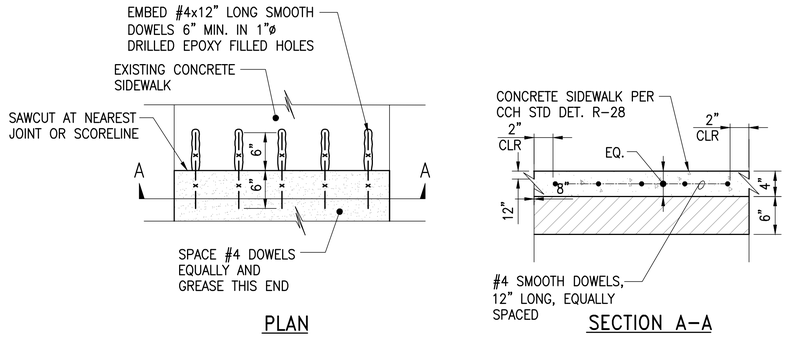
2 C-501 A.C. PAVEMENT (CITY/STATE)

NOT TO SCALE



A.C. PAVEMENT TO CONCRETE PAVEMENT CONNECTION (CITY/STATE) 5 C-501

NOT TO SCALE



PLAN

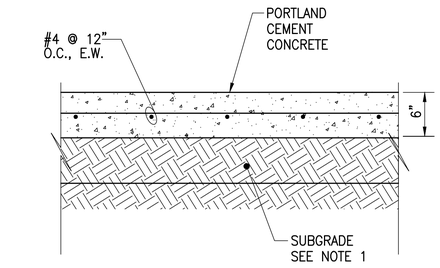
SECTION A–A

NOTE:

1. CONTRACTOR TO COMPLY WITH CITY MEMORANDUM NO. CEB 1-09 DATED 04/06/09 FOR JOINTING REQUIREMENTS.

9 C-501 SIDEWALK CONNECTION (CITY)

NOT TO SCALE

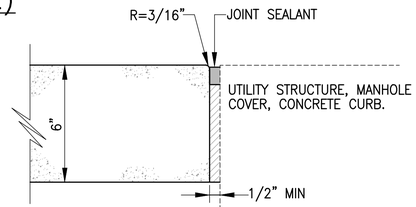


NOTE:

1. THE SUBGRADE SHALL BE MOISTURE-CONDITIONED TO ABOVE THE OPTIMUM MOISTURE CONTENT AND RECOMPACTED TO A MINIMUM OF 95 PERCENT RELATIVE COMPACTION AS PER ASTM D1557.

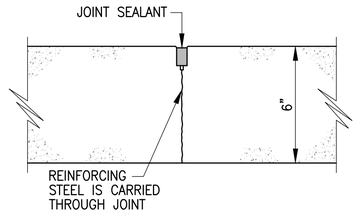
3 C-501 CONCRETE PAVEMENT (CITY/STATE)

NOT TO SCALE



6 C-501 CONCRETE PAVEMENT EXPANSION JOINT AT STRUCTURES (CITY/STATE)

NOT TO SCALE



TRANSVERSE & LONGITUDINAL

7 C-501 CONCRETE PAVEMENT CONTRACTION JOINT DETAIL (CITY/STATE)

NOT TO SCALE

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

MISCELLANEOUS DETAILS - 1

REYN M. SUGITAYA LICENSED PROFESSIONAL ENGINEER No. 20684-C HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-28

WILSON OKAMOTO CORPORATION

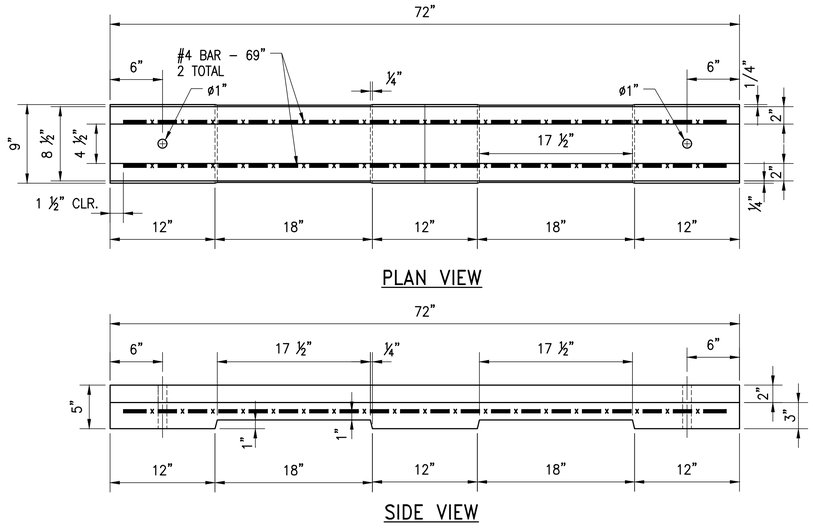
DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

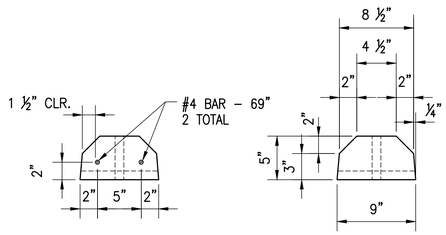
JOB NUMBER P10981

SHEET C-501

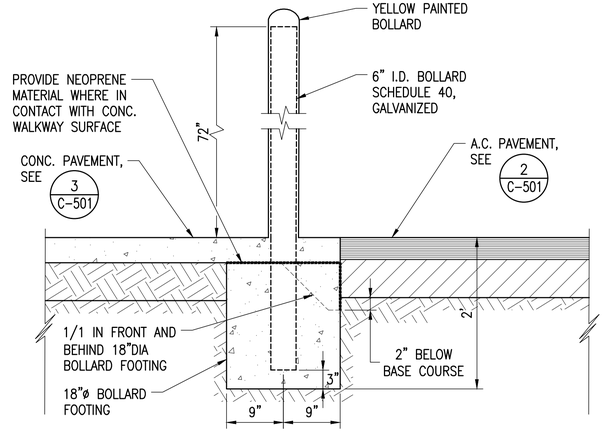
36 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

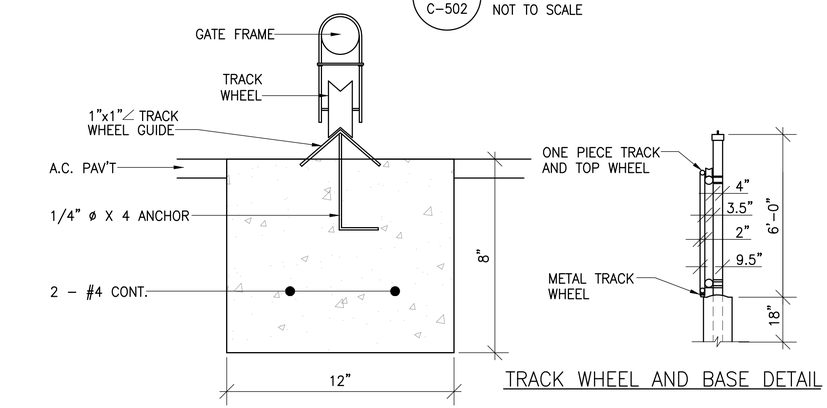




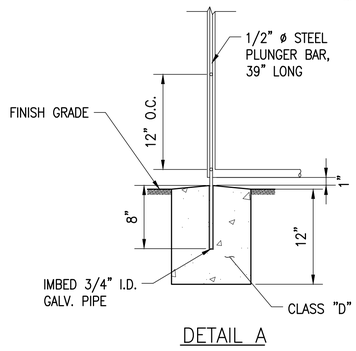
1 C-502 **PRECAST CONCRETE WHEELSTOP**
NOT TO SCALE



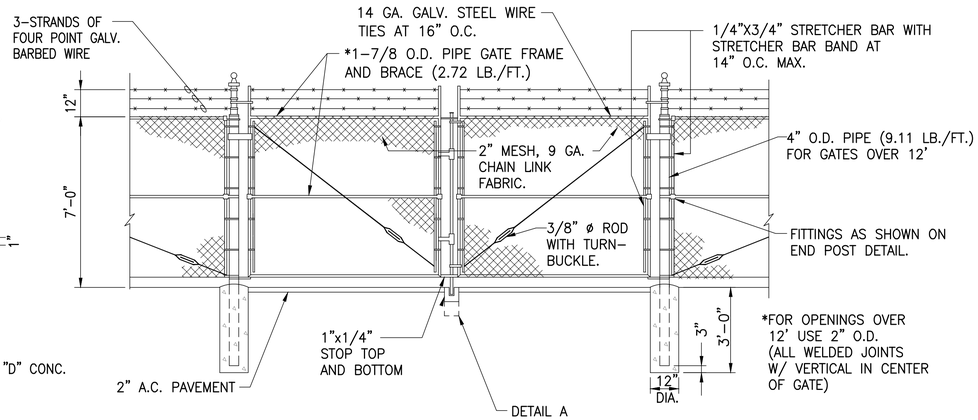
2 C-502 **BOLLARD**
NOT TO SCALE

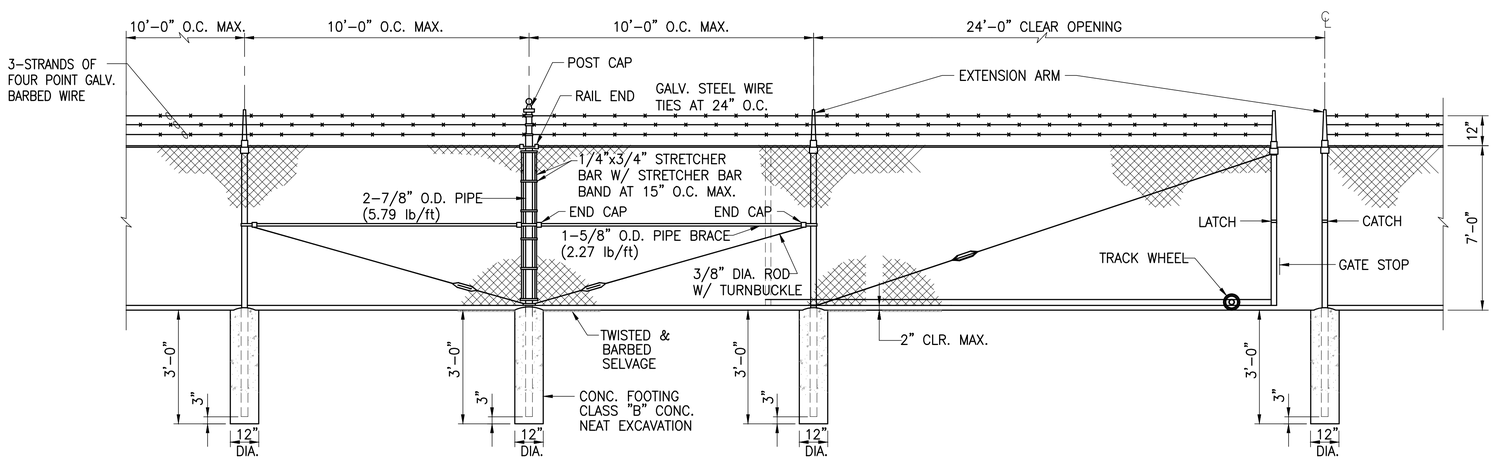


TRACK WHEEL AND BASE DETAIL



DETAIL A





3 C-502 **SLIDING CHAIN LINK GATE**
NOT TO SCALE

4 C-502 **DOUBLE SWING GATE**
NOT TO SCALE

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
MISCELLANEOUS DETAILS - 2

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-26

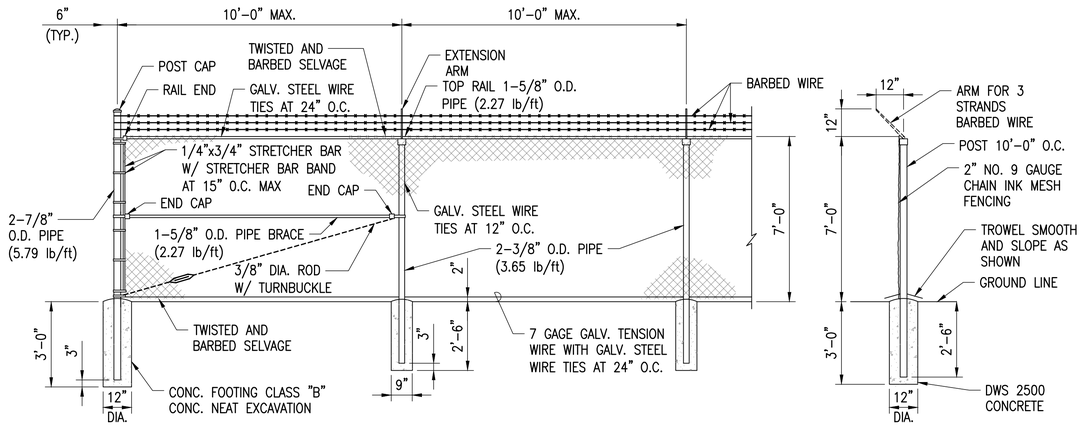
WILSON OKAMOTO CORPORATION

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-502
37 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



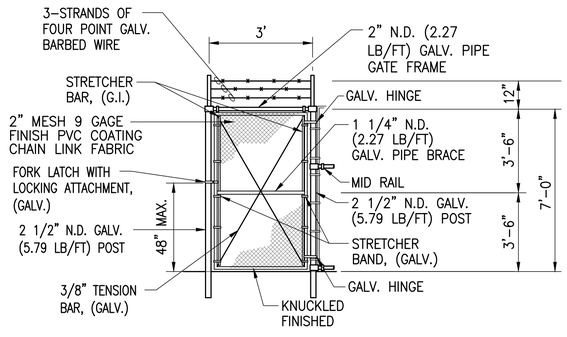
END, CORNER POST FIRST LINE POST TYPICAL LINE POST CHAIN LINK FENCE POST

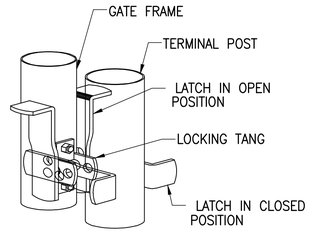
NOTES:

1. INSTALL WARNING SIGNS ON CHAIN-LINK FENCE EVERY 100' O.C.

1 / C-503 7' CHAIN LINK FENCE WITH BARBED WIRE

NOT TO SCALE

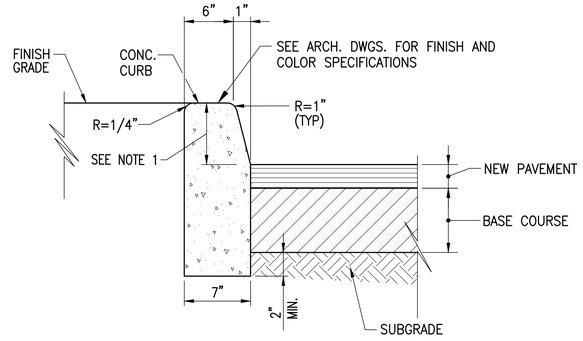




LATCH DETAIL

2 / C-503 PEDESTRIAN GATE

NOT TO SCALE

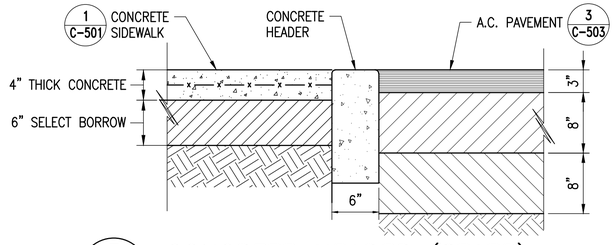


NOTES:

1. BOTTOM OF CURB SHALL EXTEND 2" MIN. BELOW BASE COURSE OF ADJACENT PAVEMENT SECTION.

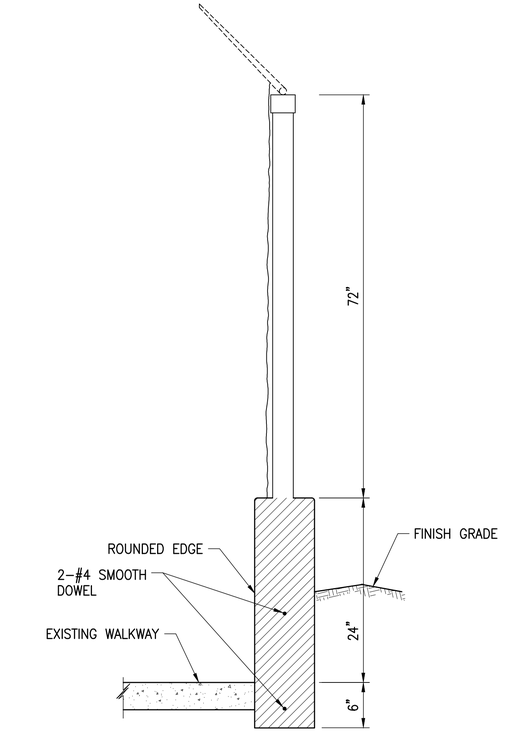
3 / C-503 CONCRETE CURB

NOT TO SCALE



5 / C-503 CONCRETE HEADER (STATE)

NOT TO SCALE



NOTE:

1. DETAIL PER CITY STANDARD DETAIL R-31

4 / C-503 TYPE "B" GRADE ADJUSTMENT WALL W/ FENCE (STATE)

NOT TO SCALE

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

MISCELLANEOUS DETAILS - 3

REYN M. SUGITAYA LICENSED PROFESSIONAL ENGINEER No. 20684-C HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-28

WILSON OKAMOTO CORPORATION

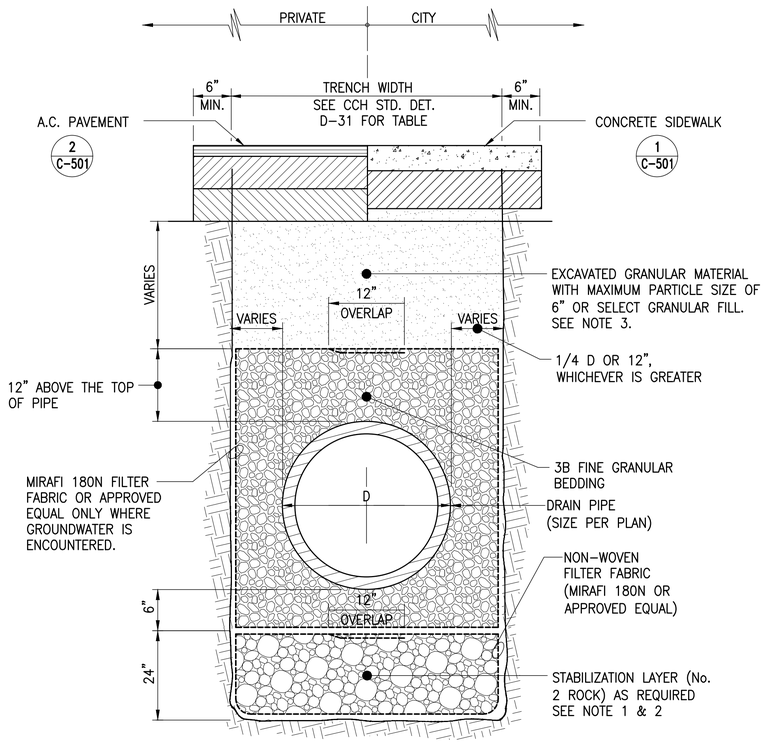
DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER P10981

SHEET C-503

38 OF 273 SHTS.

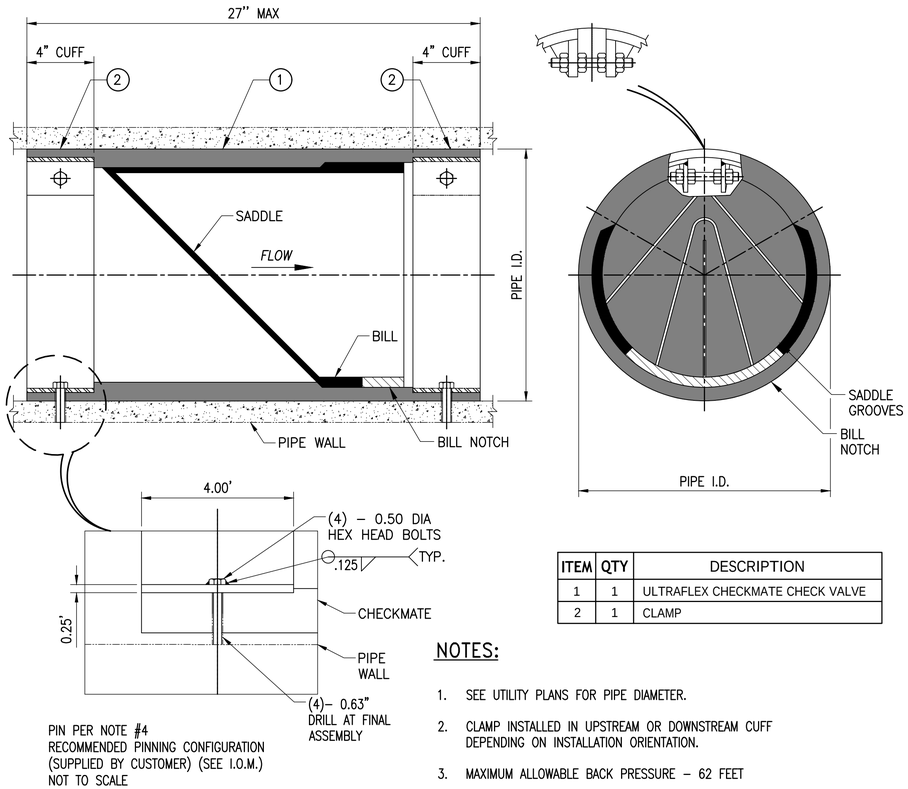
100% SUBMITTAL - SEPTEMBER 2026



NOTES:

1. STABILIZATION LAYER WRAPPED IN A NON-WOVEN FILTER FABRIC (MIRAFI 180N OR EQUIVALENT) IS REQUIRED IN AREAS WHERE SOFT AND/OR LAGOONAL DEPOSITS ARE ENCOUNTERED AT OR NEAR THE PIPE INVERT ELEVATION. CONTRACTOR SHALL CONSULT WITH OWNER'S GEOTECHNICAL ENGINEER MONITORING CONSTRUCTION TO DETERMINE AREAS REQUIRING STABILIZATION LAYER.
2. STABILIZATION LAYER SHALL EXTEND BEYOND THE SIDES OF THE PIPE A MINIMUM WIDTH OF ONE-FOURTH THE OUTSIDE DIAMETER OF THE PIPE OR 12 INCHES, WHICHEVER IS GREATER.
3. MOISTURE CONDITION BACKFILL MATERIAL TO ABOVE THE OPTIMUM MOISTURE CONTENT, PLACED IN 8" MAX. LEVEL LOOSE LIFTS, AND MECHANICALLY COMPACTED TO AT LEAST 90% RELATIVE COMPACTION. IN AREAS WHERE TRENCHES WILL BE IN PAVED AREAS, THE BACKFILL MATERIAL SHOULD BE COMPACTED TO NO LESS THAN 95% RELATIVE COMPACTION.

1 C-601 DRAIN LINE TRENCH (CITY/STATE)
NOT TO SCALE



PIN PER NOTE #4
RECOMMENDED PINNING CONFIGURATION (SUPPLIED BY CUSTOMER) (SEE I.O.M.)
NOT TO SCALE

ITEM	QTY	DESCRIPTION
1	1	ULTRAFLEX CHECKMATE CHECK VALVE
2	1	CLAMP

NOTES:

1. SEE UTILITY PLANS FOR PIPE DIAMETER.
2. CLAMP INSTALLED IN UPSTREAM OR DOWNSTREAM CUFF DEPENDING ON INSTALLATION ORIENTATION.
3. MAXIMUM ALLOWABLE BACK PRESSURE – 62 FEET
4. IT IS RECOMMENDED TO BOLT OR PIN CHECKMATE TO PIPE AS SHOWN, 4 PLACES 90 DEGREE APART.

2 C-601 CHECKMATE CHECK VALVE DETAIL (PRIVATE)
NOT TO SCALE

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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EXP 4-30-28

WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

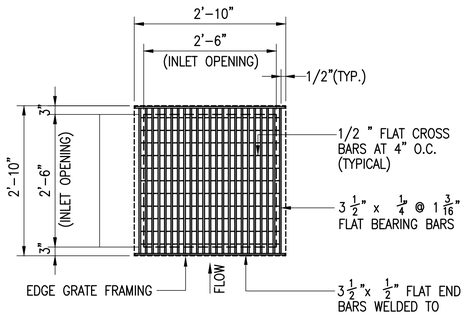
SHEET TITLE
DRAIN DETAILS - 1

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

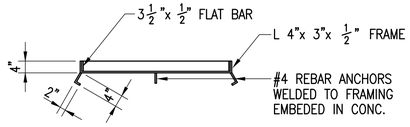
JOB NUMBER
P10981

SHEET
C-601
39 OF 273 SHTS.

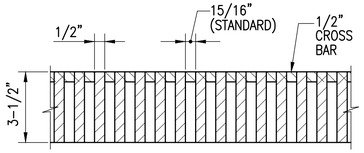
100% SUBMITTAL - SEPTEMBER 2026



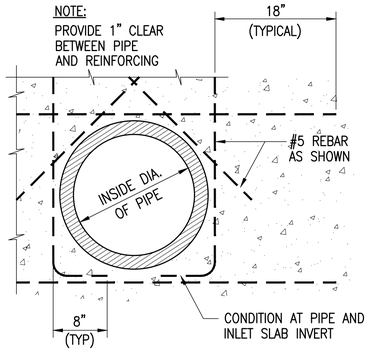
PLAN–GRATING



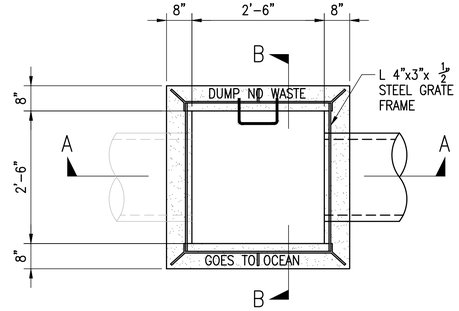
SECTION–GRATE FRAME



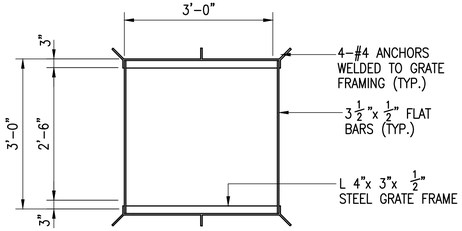
SECTION–GRATING



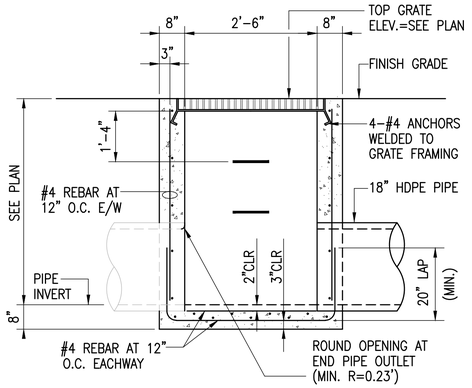
TYPICAL REINFORCEMENT AT PIPE



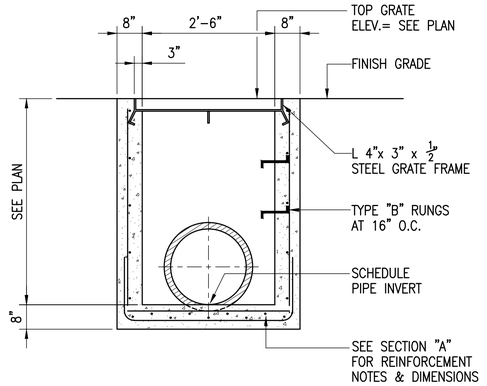
PLAN INLET



PLAN–GRATE FRAME



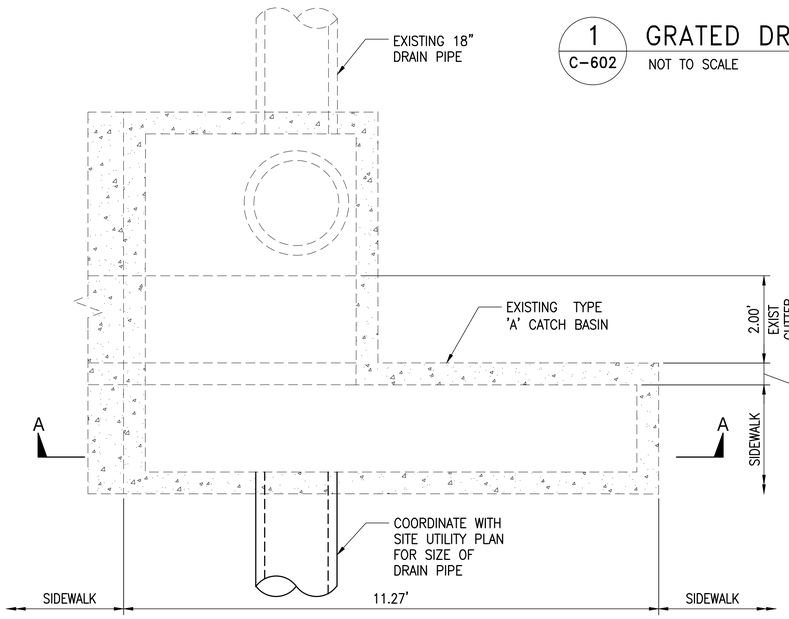
SECTION "A"



SECTION "B"

NOTES:

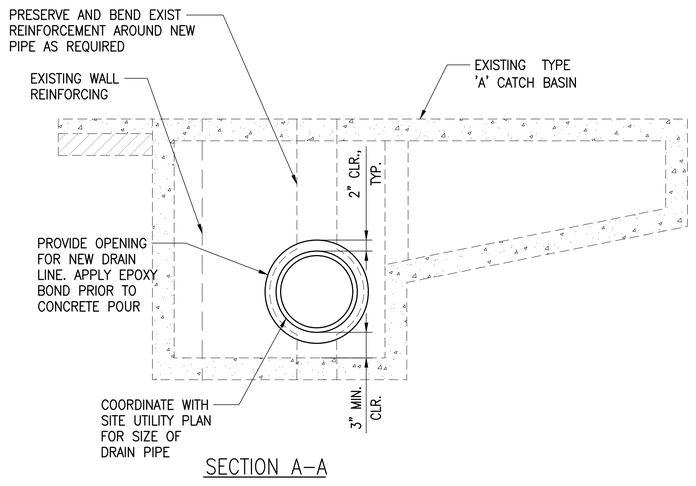
1. DRAINAGE INLET AND GRATE SHALL BE ADA COMPLIANT AND MEET H20 LOADING REQUIREMENTS.



PLAN

1 / C-602 GRATED DRAIN INLET (STATE)

NOT TO SCALE



SECTION A–A

2 / C-602 EXIST CATCH BASIN DRAIN CONNECTION – AUIKI STREET (CITY)

NOT TO SCALE

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

REYN M. SUGITAYA — LICENSED PROFESSIONAL ENGINEER — No. 20684-C — HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

WILSON OKAMOTO CORPORATION

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

DRAIN DETAILS - 2

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER

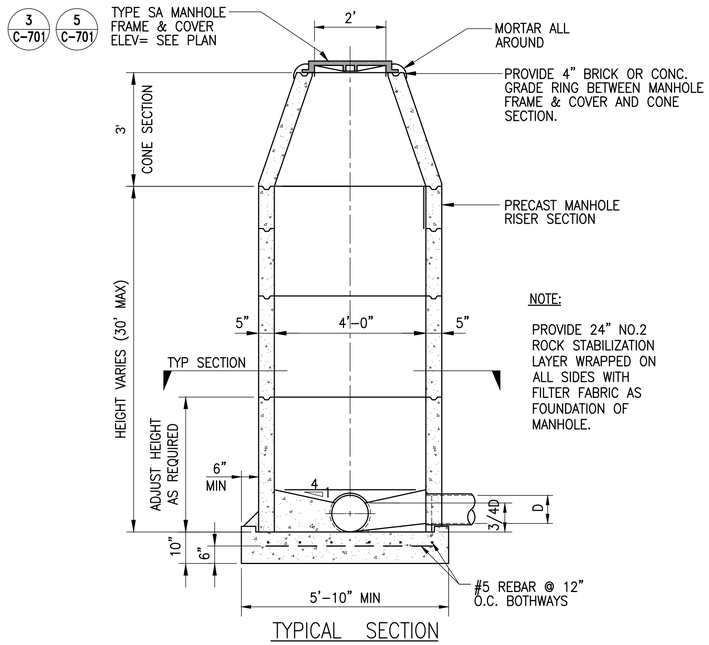
P10981

SHEET

C-602

40 OF 273 SHTS.

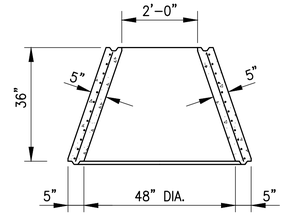
100% SUBMITTAL - SEPTEMBER 2026



TYPICAL SECTION

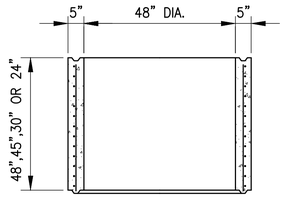
1 PRE-CAST SEWER MANHOLE (CITY)

C-701 NOT TO SCALE



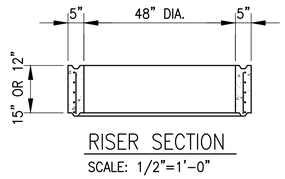
36" CONE SECTION

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



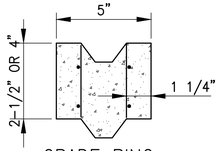
RISER SECTION

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



RISER SECTION

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



GRADE RING

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

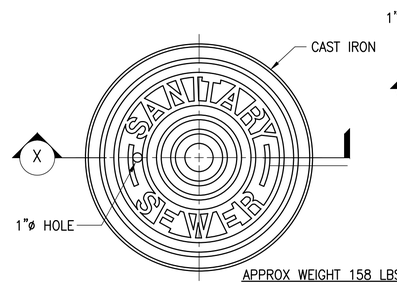
SECTION	As/L.F.
48"x48" RISER	0.15
48"x45" RISER	0.15
48"x36" RISER	0.15
48"x30" RISER	0.15
48"x24" RISER	0.15
48"x15" RISER	0.15
48"x12" RISER	0.15
48"x24"x36" CONE	0.16
48"x33"x22" CONE	0.16
22"x4" GRADE RING	0.12
22"x2-1/2" GRADE RING	0.12

NOTES:

1. PRE-CAST SECTIONS SHALL CONFORM TO ASTM C478.
2. MANUFACTURERS ARE TO SUBMIT TO THE ENGR. FOR APPROVAL, PRIOR TO MANUFACTURING.

2 PRE-CAST CONCRETE MANHOLE WALL (CITY)

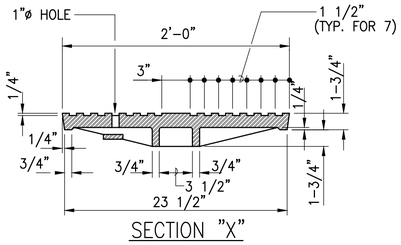
C-701 NOT TO SCALE



PLAN OF MANHOLE COVER

BOTTOM VIEW OF COVER (ROTATED)

SECTION "Y"



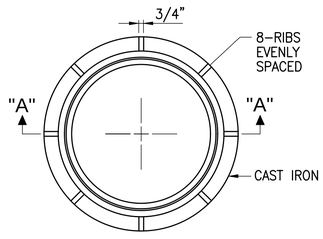
SECTION "X"

NOTE:

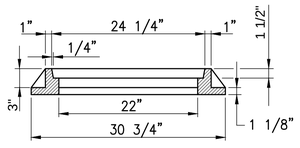
THIS COVER IS USED WITH THE SA FRAME.

3 TYPE SA - SEWER MANHOLE COVER (CITY)

C-701 NOT TO SCALE



PLAN OF MANHOLE FRAME

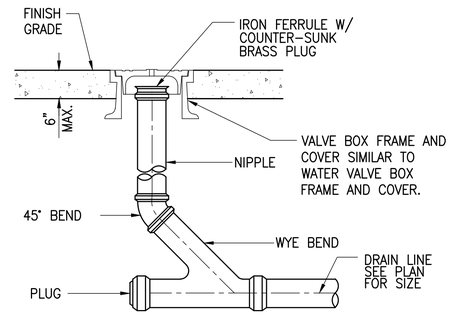


APPROX. WEIGHT 156 POUNDS

SECTION "A-A"

4 TYPE SA MANHOLE FRAME (CITY)

C-701 NOT TO SCALE



NOTE:

VALVE BOX COVER SIMILAR TO WATER VALVE BOX COVER PROVIDE "SEWER" WORD LETTERING ON COVER.

5 SEWER CLEAN-OUT-TO-GRADE GRADE (STATE)

C-701 NOT TO SCALE

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WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

SEWER DETAILS - 1

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
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JOB NUMBER

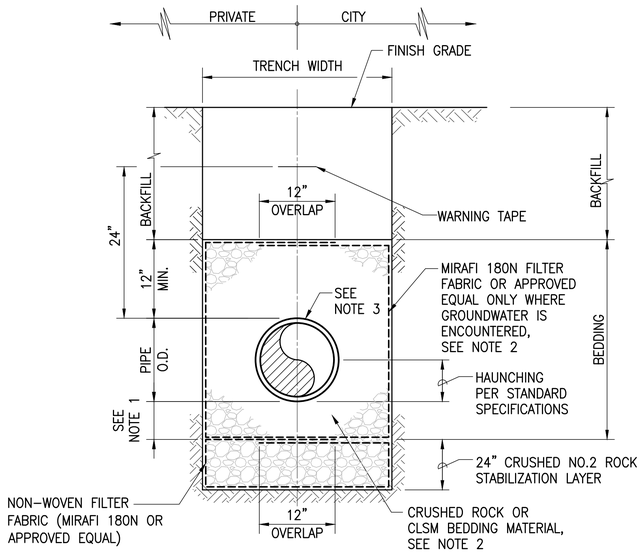
P10981

SHEET

C-701

41 OF 273 SHTS.

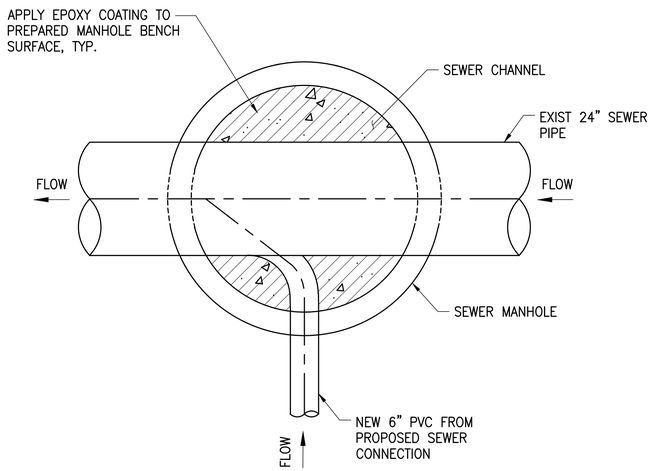
100% SUBMITTAL - SEPTEMBER 2026



NOTES:

1. SEE S-02 FOR PAYMENT WIDTHS AND BEDDING DIMENSIONS.
2. FILTER FABRIC NOT REQUIRED FOR CLSM BEDDING.
3. FOR SEWER JOINTS LOCATED 5' BEYOND ANTICIPATED DRIP LINE OF TREES AND SHRUBS, WRAP WILL BE A GEOTEXTILE FABRIC WITH HERBICIDE

1 C-702 SEWER TRENCH (STATE/CITY)
NOT TO SCALE



NOTE:

1. FOR CHANNELIZATION GUIDELINES, SEE WASTEWATER SYSTEM STD. DET. S-25.

2 C-702 CHANNELIZATION FOR SMH A1 (CITY)
NOT TO SCALE

REYN M. SUGITAYA
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WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

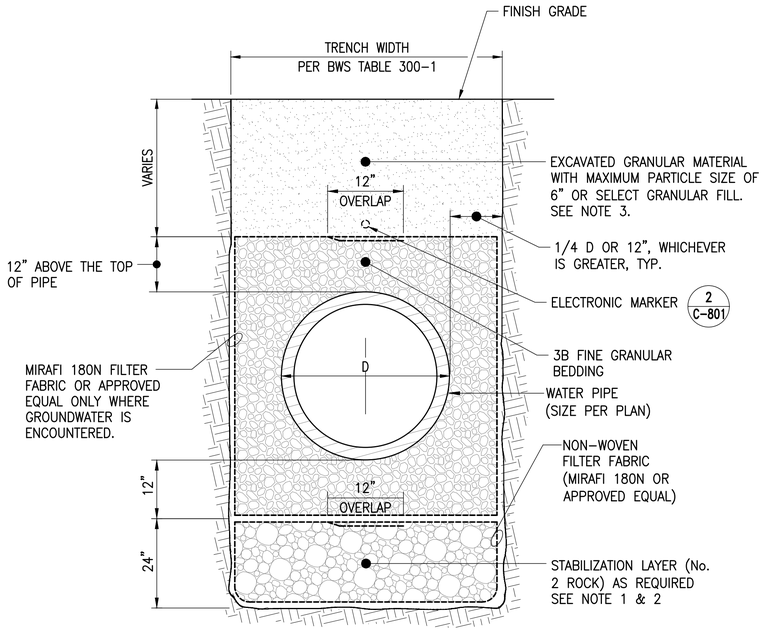
SHEET TITLE
SEWER DETAILS - 2

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-702
42 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

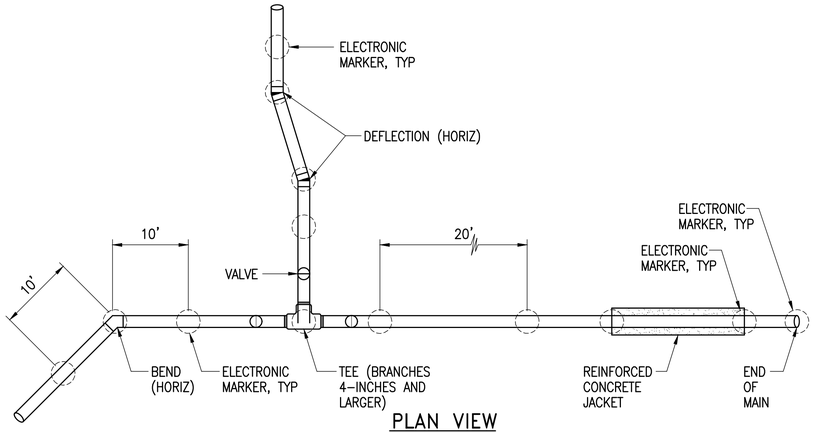


NOTES:

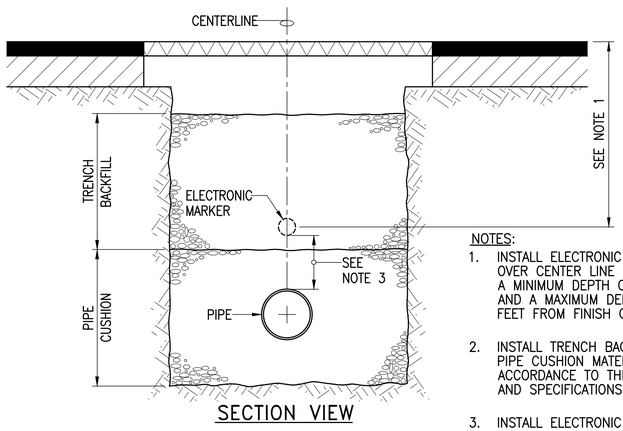
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2. STABILIZATION LAYER SHALL EXTEND BEYOND THE SIDES OF THE PIPE A MINIMUM WIDTH OF ONE-FOURTH THE OUTSIDE DIAMETER OF THE PIPE OR 12 INCHES, WHICHEVER IS GREATER.
3. MOISTURE CONDITION BACKFILL MATERIAL TO ABOVE THE OPTIMUM MOISTURE CONTENT, PLACED IN 8" MAX. LEVEL LOOSE LIFTS, AND MECHANICALLY COMPACTED TO AT LEAST 90% RELATIVE COMPACTION. IN AREAS WHERE TRENCHES WILL BE IN PAVED AREAS, THE BACKFILL MATERIAL SHOULD BE COMPACTED TO NO LESS THAN 95% RELATIVE COMPACTION.

1 C-801 WATERLINE TRENCH (STATE/CITY)

NOT TO SCALE



PLAN VIEW



SECTION VIEW

NOTES:

1. INSTALL ELECTRONIC MARKER OVER CENTER LINE OF PIPE AT A MINIMUM DEPTH OF 2 FEET AND A MAXIMUM DEPTH OF 3 FEET FROM FINISH GRADE.
2. INSTALL TRENCH BACKFILL AND PIPE CUSHION MATERIAL IN ACCORDANCE TO THE PLANS AND SPECIFICATIONS.
3. INSTALL ELECTRONIC MARKER AT A MINIMUM CLEARANCE OF 6-INCHES ABOVE THE PIPE OR CONC. JACKET.

2 C-801 TYPICAL ELECTRONIC MARKER INSTALLATION (STATE/CITY)

NOT TO SCALE

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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EXP 4-30-28

WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

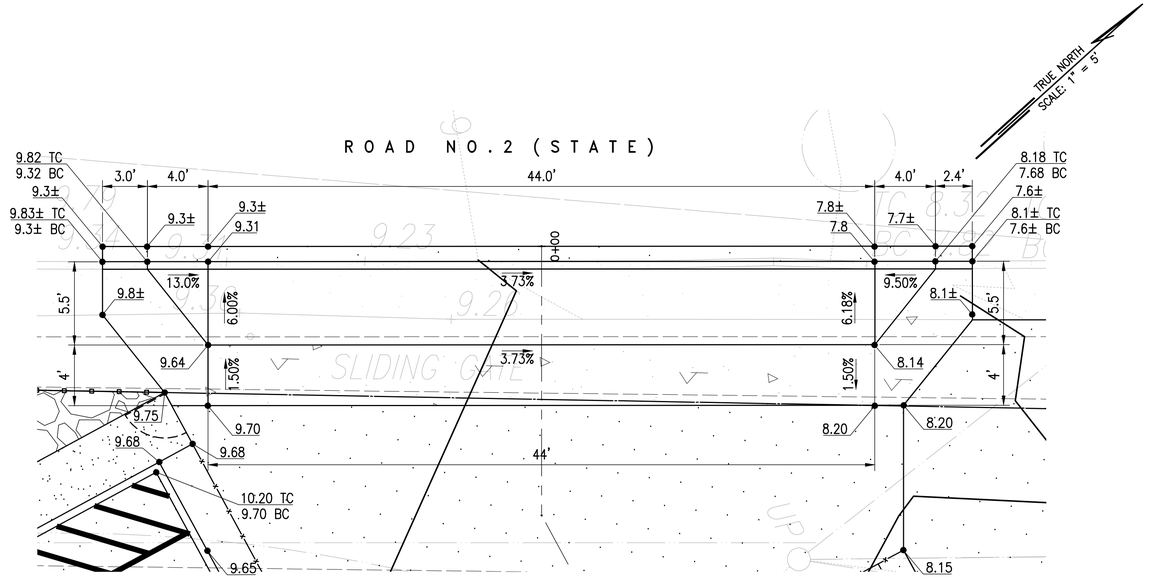
SHEET TITLE
WATER DETAILS

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

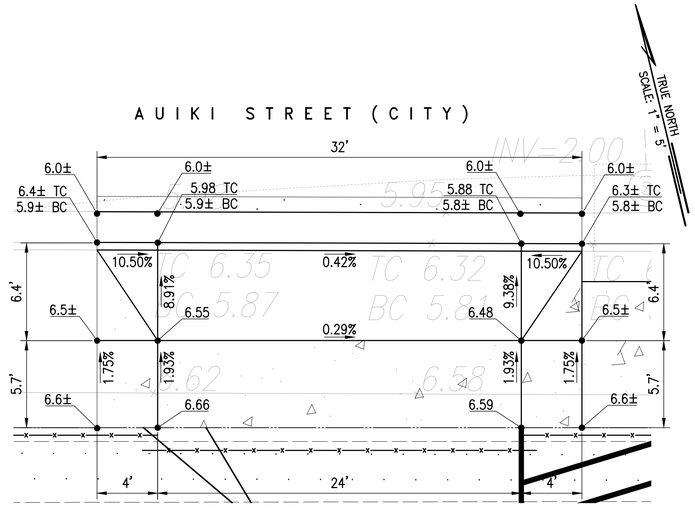
SHEET
C-801
43 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



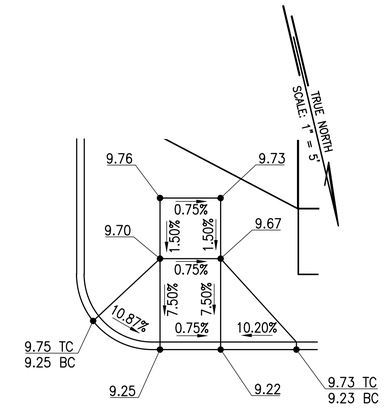
INSTALLATION TO CONFORM TO:
1. C&C OF HONOLULU STD DETAIL R-29A DATED JULY 2009.
2. LAYOUT, ELEVATIONS, AND SLOPES SHOWN ON THIS DETAIL.
3. FINISHES AND JOINTING ON THE ARCH DWGS.
4. CONTRACTOR SHALL COMPLY WITH JOINTING REQUIREMENTS OF THE CITY AND COUNTY OF HONOLULU, DEPARTMENT OF PLANNING AND PERMITTING ENGINEERING AND POLICY MEMORANDUM NO. CEB-1-09, DATED APRIL 6, 2009.

1 C-901 DRIVEWAY APRON NO. 1
SCALE: 1" = 5'

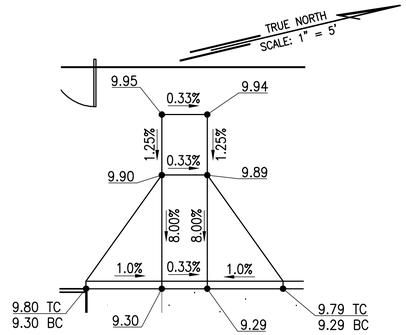


INSTALLATION TO CONFORM TO:
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2. LAYOUT, ELEVATIONS, AND SLOPES SHOWN ON THIS DETAIL.
3. FINISHES AND JOINTING ON THE ARCH DWGS.
4. CONTRACTOR SHALL COMPLY WITH JOINTING REQUIREMENTS OF THE CITY AND COUNTY OF HONOLULU, DEPARTMENT OF PLANNING AND PERMITTING ENGINEERING AND POLICY MEMORANDUM NO. CEB-1-09, DATED APRIL 6, 2009.

2 C-901 DRIVEWAY APRON NO. 2
SCALE: 1" = 5'

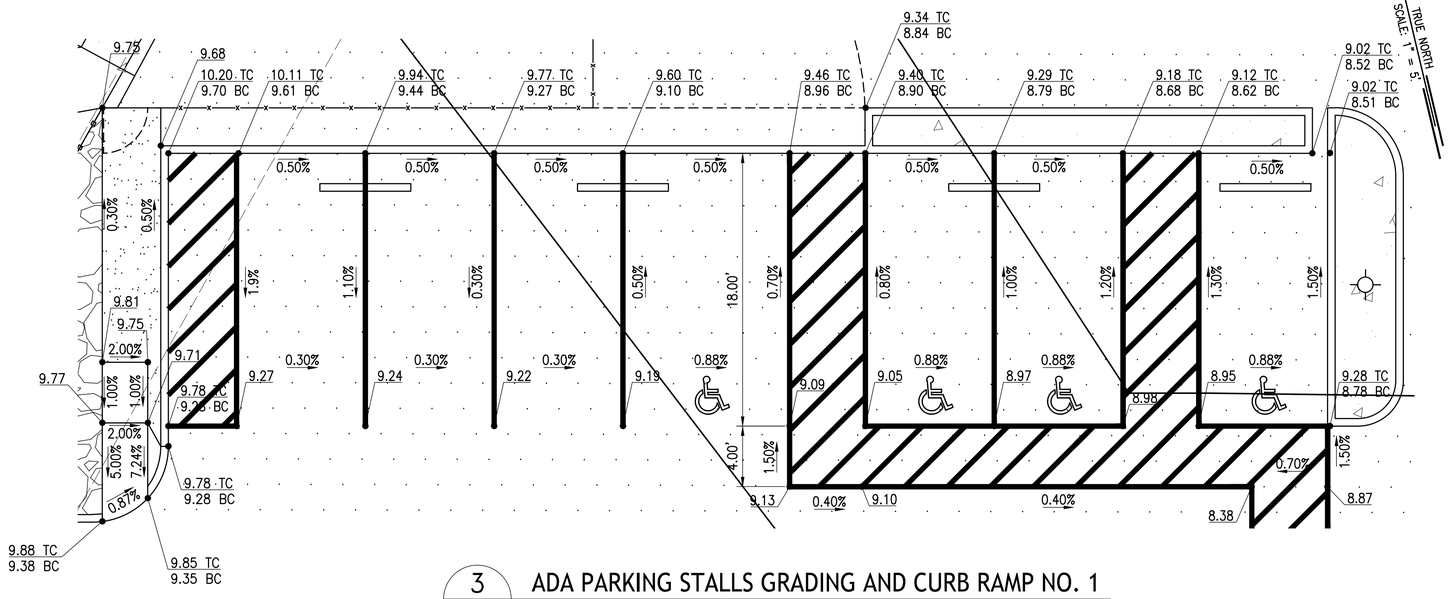


CURB RAMP NO. 2
SCALE: 1" = 5'



CURB RAMP NO. 3
SCALE: 1" = 5'

NOTES
1. CONTRACTOR TO CONSTRUCT CURB RAMP SECTION PER C&C STD. DET. R-25A, DATED APRIL 2000, TO THE LAYOUT SHOWN.
2. CONTRACTOR SHALL COMPLY WITH JOINTING REQUIREMENTS OF THE CITY AND COUNTY OF HONOLULU, DEPARTMENT OF PLANNING AND PERMITTING ENGINEERING AND POLICY MEMORANDUM NO. CEB-1-09, DATED 6, 2009



3 C-901 ADA PARKING STALLS GRADING AND CURB RAMP NO. 1
SCALE: 1" = 5'

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
ADA STALL, CURB RAMP AND DRIVEWAY DETAILS

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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EXP 4-30-28

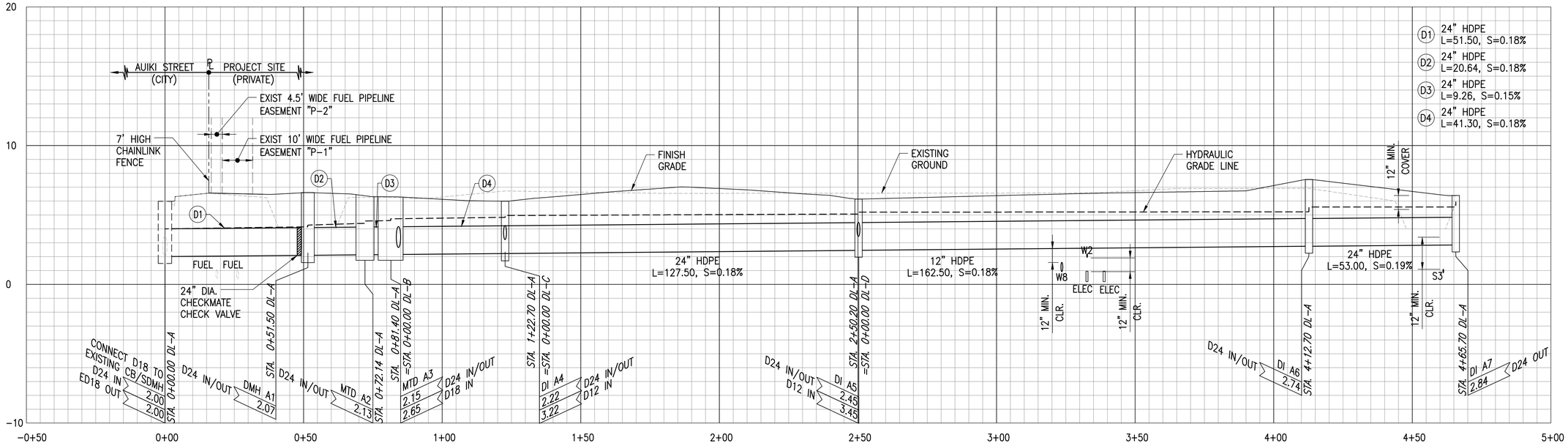
WILSON OKAMOTO CORPORATION

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

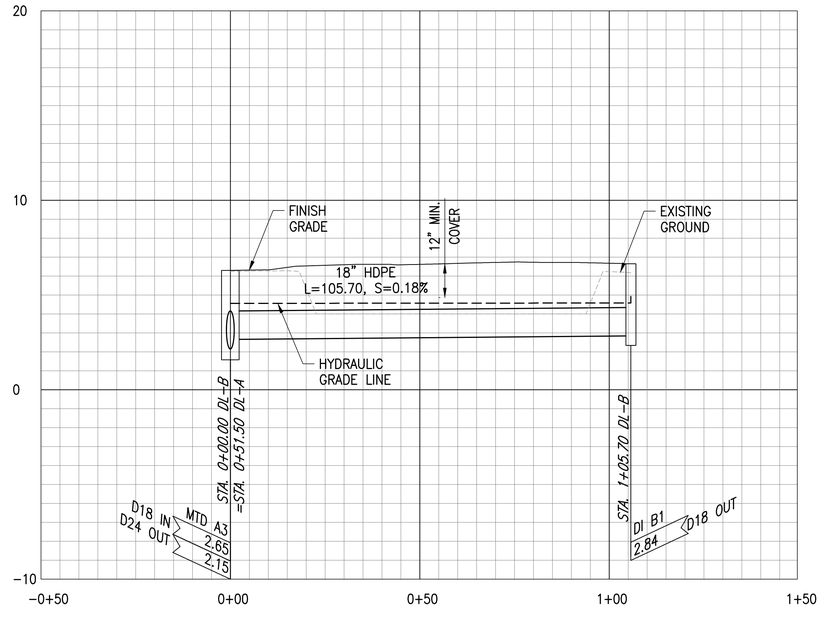
SHEET
C-901
44 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



1 / C-1001 DRAIN PROFILE DL-A

SCALE: 1" = 20' (H)
1" = 4' (V)



2 / C-1001 DRAIN PROFILE DL-B

SCALE: 1" = 20' (H)
1" = 4' (V)

GRAPHIC SCALE:

20' 10' 0 20' 40'
SCALE: 1" = 20'

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

NOTE:

THE MINIMUM COVER IS BASED FROM THE DRAINAGE HANDBOOK SPECIFICATIONS OF ADVANCED DRAINAGE SYSTEM, INC.

REVISION	DATE	DESCRIPTION	BY	APPROVED

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
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WILSON OKAMOTO CORPORATION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

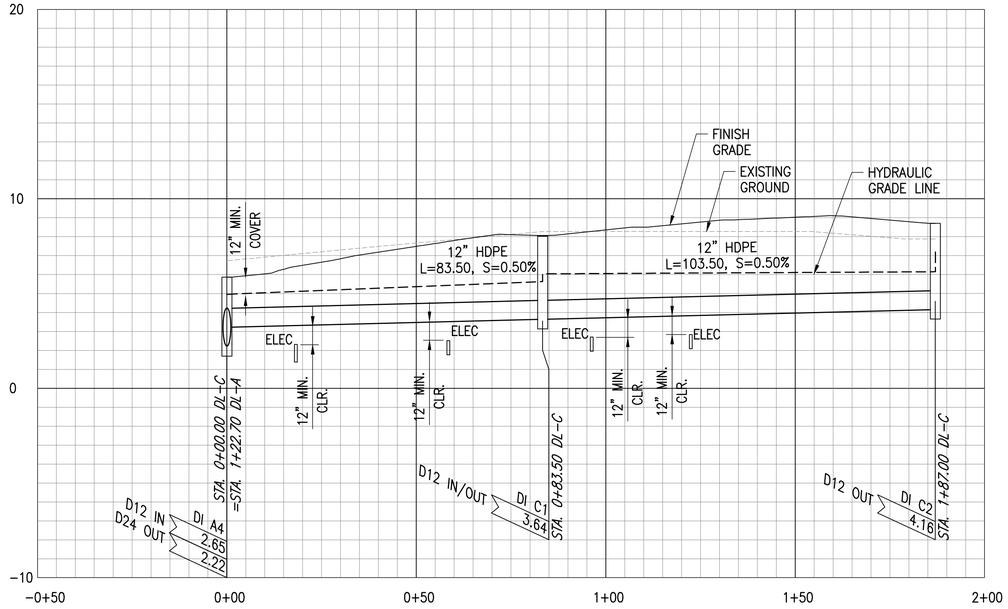
SHEET TITLE
DRAIN PROFILE - 1

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

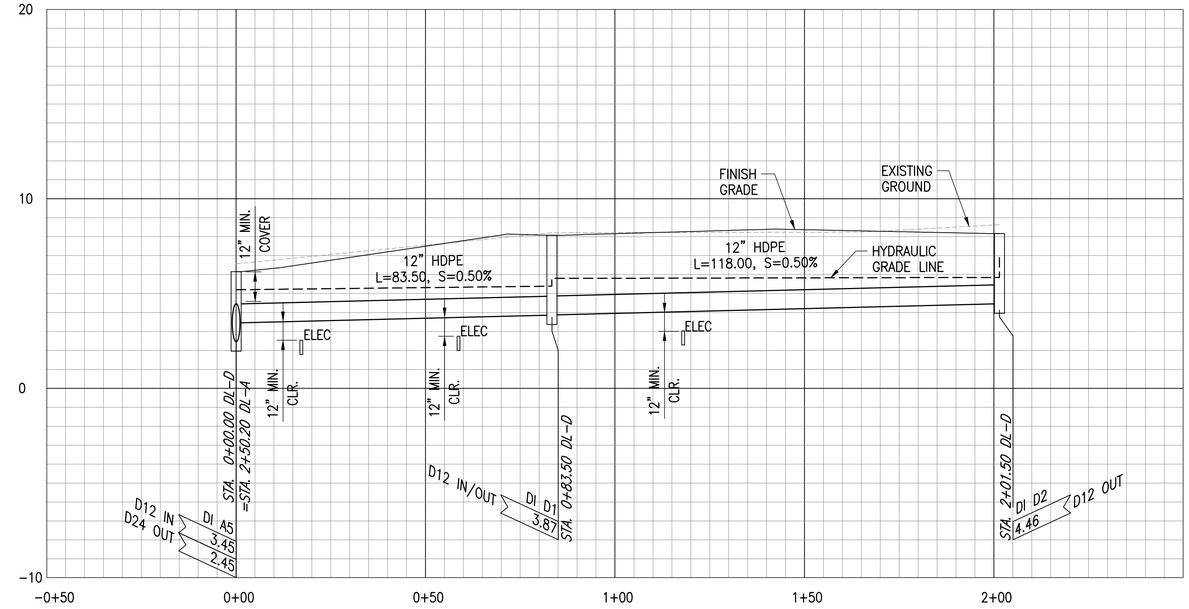
SHEET
C-1001
45 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



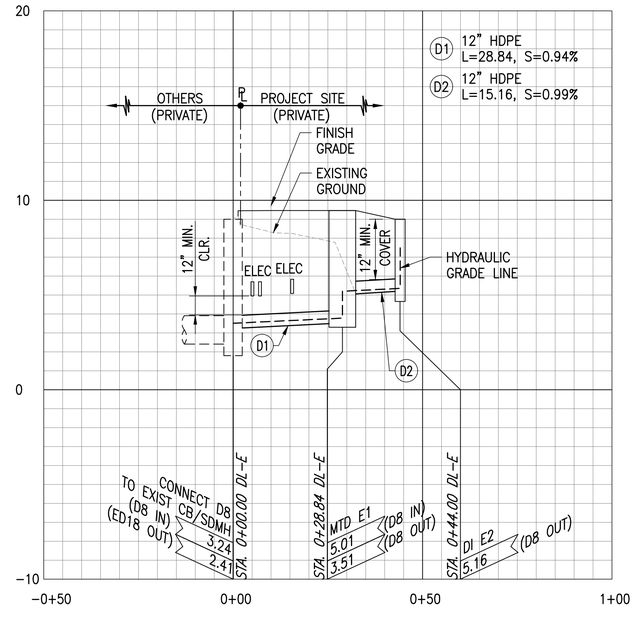
1 C-1002 DRAIN PROFILE DL-C

SCALE: 1" = 20' (H)
1" = 4' (V)



2 C-1002 DRAIN PROFILE DL-D

SCALE: 1" = 20' (H)
1" = 4' (V)



3 C-1002 DRAIN PROFILE DL-E

SCALE: 1" = 20' (H)
1" = 4' (V)

NOTE:

THE MINIMUM COVER IS BASED FROM THE DRAINAGE HANDBOOK SPECIFICATIONS OF ADVANCED DRAINAGE SYSTEM, INC.

GRAPHIC SCALE:

20' 10' 0 20' 40'
SCALE: 1" = 20'

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
DRAIN PROFILE - 2

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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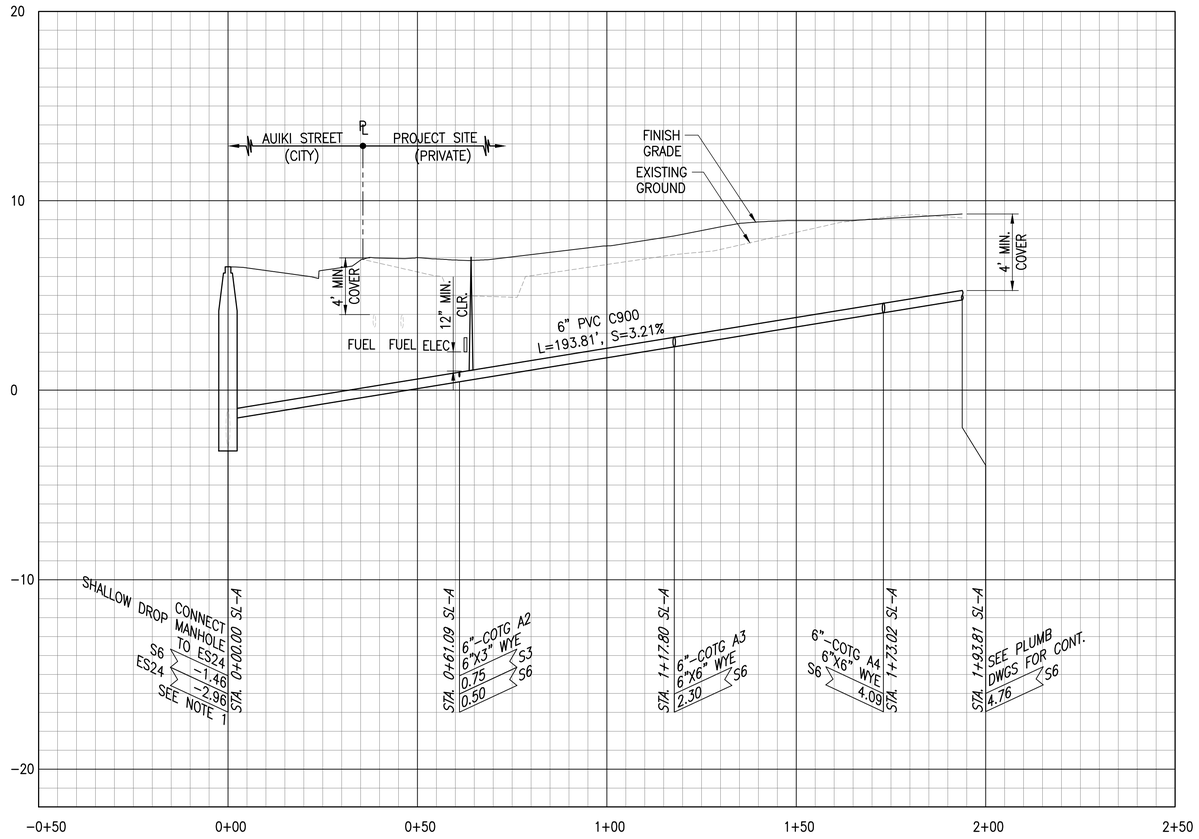
WILSON OKAMOTO CORPORATION

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1002
46 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



1 C-1101 SEWER PROFILE SL-A

SCALE: 1" = 20' (H)
1" = 4' (V)

NOTES:

1. CONTRACTOR SHALL VERIFY THE LOCATIONS AND INVERTS OF ALL EXISTING UTILITY CROSSINGS AND CONNECTIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

GRAPHIC SCALE:

20' 10' 0 20' 40'
SCALE: 1" = 20'

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

REYN M. SUGITAYA
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WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

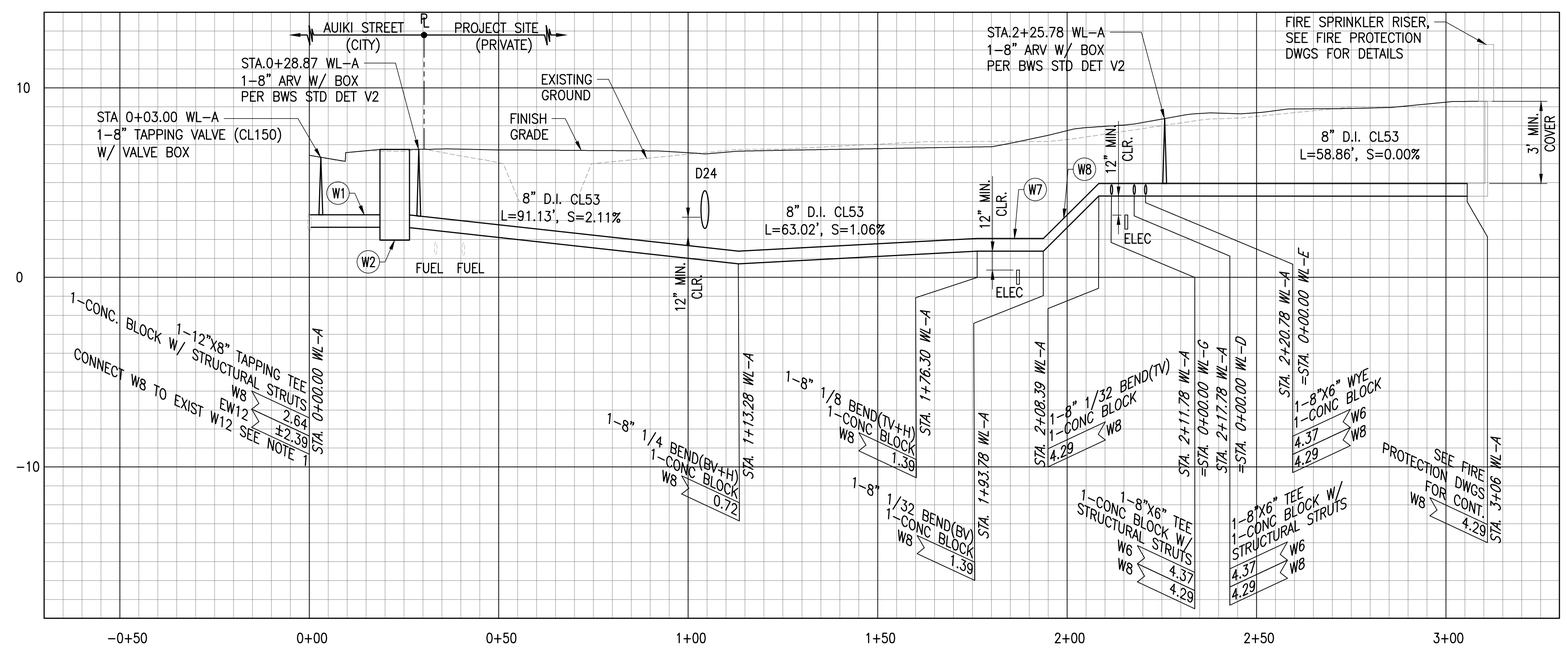
SHEET TITLE
SEWER PROFILE

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

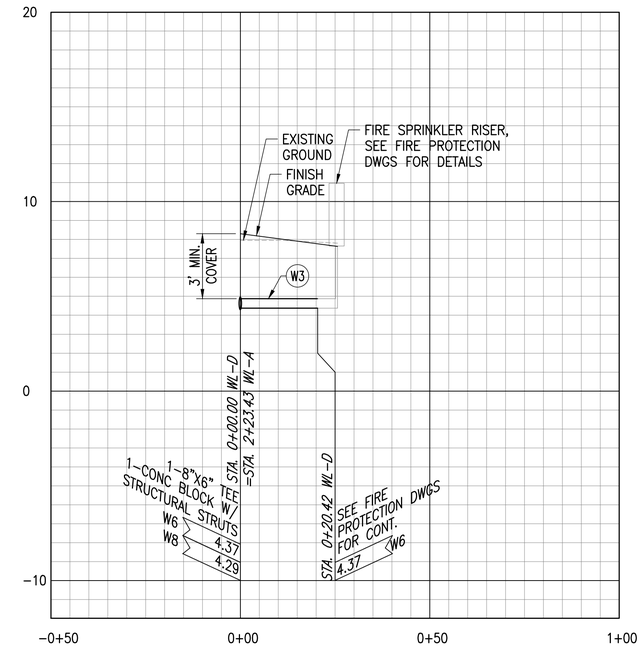
JOB NUMBER
P10981

SHEET
C-1101
47 OF 273 SHTS.

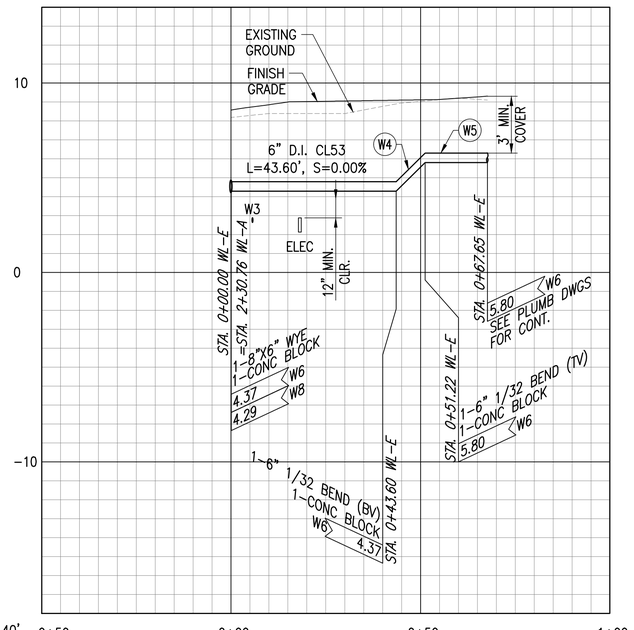
100% SUBMITTAL - SEPTEMBER 2026



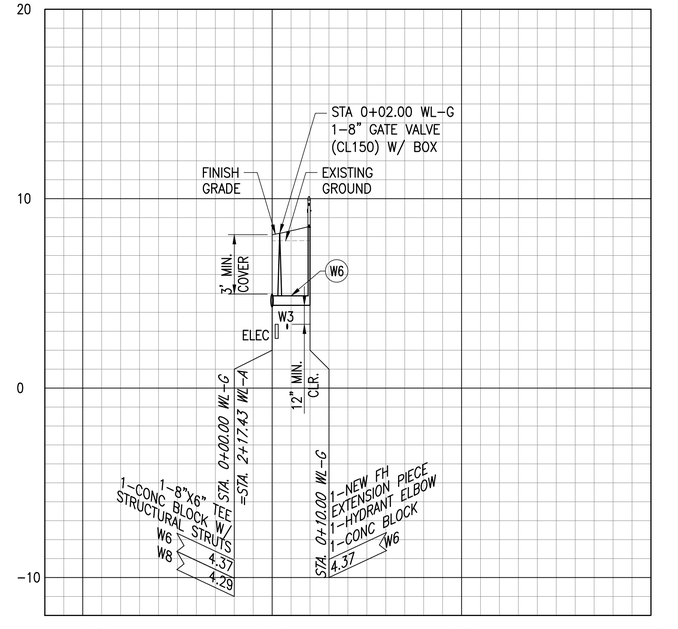
1 C-1201 **WATER PROFILE WL-A**
SCALE: 1" = 20' (H)
1" = 4' (V)



2 C-1201 **WATER PROFILE WL-D**
SCALE: 1" = 20' (H)
1" = 4' (V)



3 C-1201 **WATER PROFILE WL-E**
SCALE: 1" = 20' (H)
1" = 4' (V)



4 C-1201 **WATER PROFILE WL-G**
SCALE: 1" = 20' (H)
1" = 4' (V)

GRAPHIC SCALE:

20' 10' 0 20' 40'
SCALE: 1" = 20'

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

(W1) 8" D.I. CL53
L=22.15', S=0.00%

(W2) 8" DC METER AND BOX WITH CONCRETE PAD AND COLLAR
2-8" FLANGE ISOLATION KITS
STA.0+22.15 WL-A
TOP=6.55
INV=2.64
SEE BWS STD DET M19, M26, M30, & M31.

(W3) 6" D.I. CL53
L=25.67', S=0.00%

(W4) 7.62" D.I. CL53
L=17.94', S=18.77%

(W5) 6" D.I. CL53
L=16.43', S=0.00%

(W6) 8" D.I. CL53
L=10.00', S=0.00%

(W7) 8" D.I. CL53
L=17.48', S=0.00%

(W7) 8" D.I. CL53
L=14.61', S=19.85%

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
WATER PROFILE

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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EXP 4-30-28

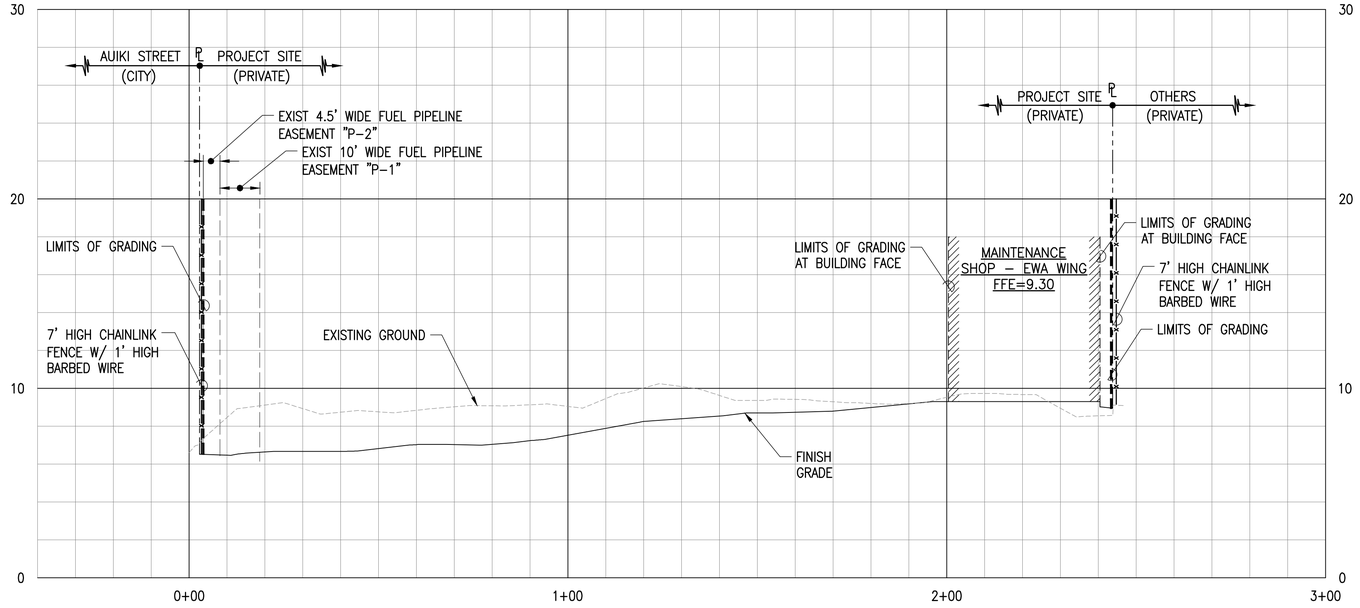
WILSON OKAMOTO CORPORATION

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

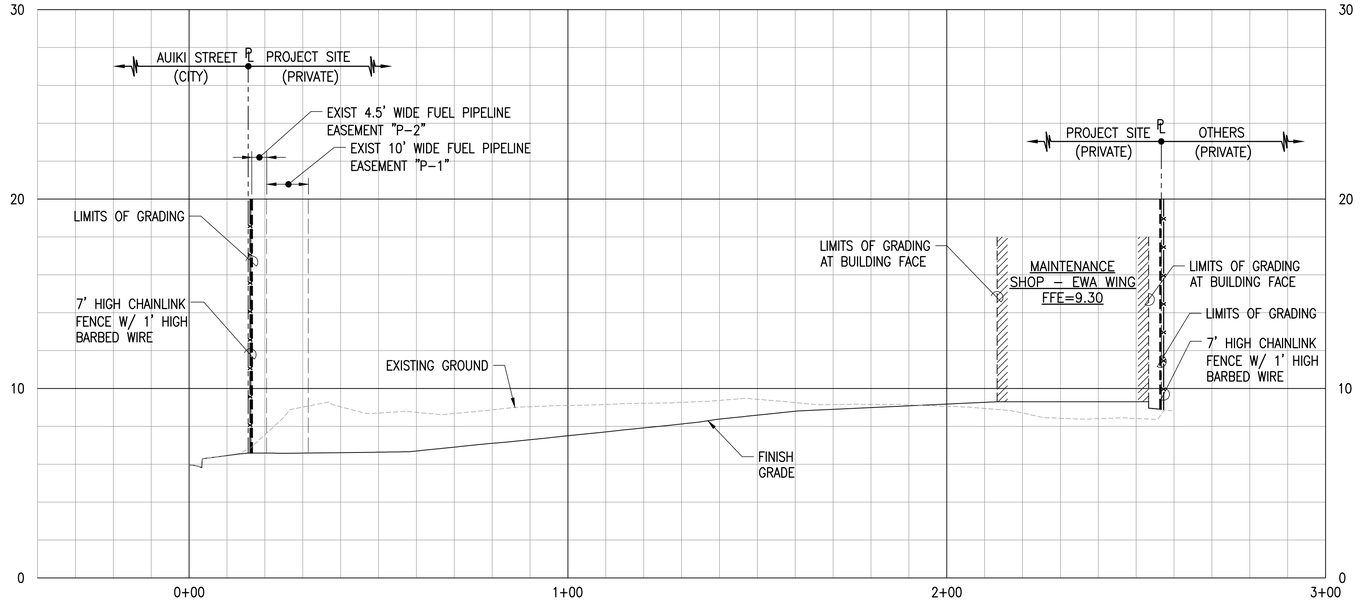
SHEET
C-1201
48 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



1 C-1301 SITE SECTION "A-A"

SCALE: 1" = 20' (H)
1" = 4' (V)



1 C-1301 SITE SECTION "B-B"

SCALE: 1" = 20' (H)
1" = 4' (V)

GRAPHIC SCALE

20' 10' 0 20' 40'
SCALE: 1" = 20'

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
SITE SECTION - 1

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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EXP 4-30-28

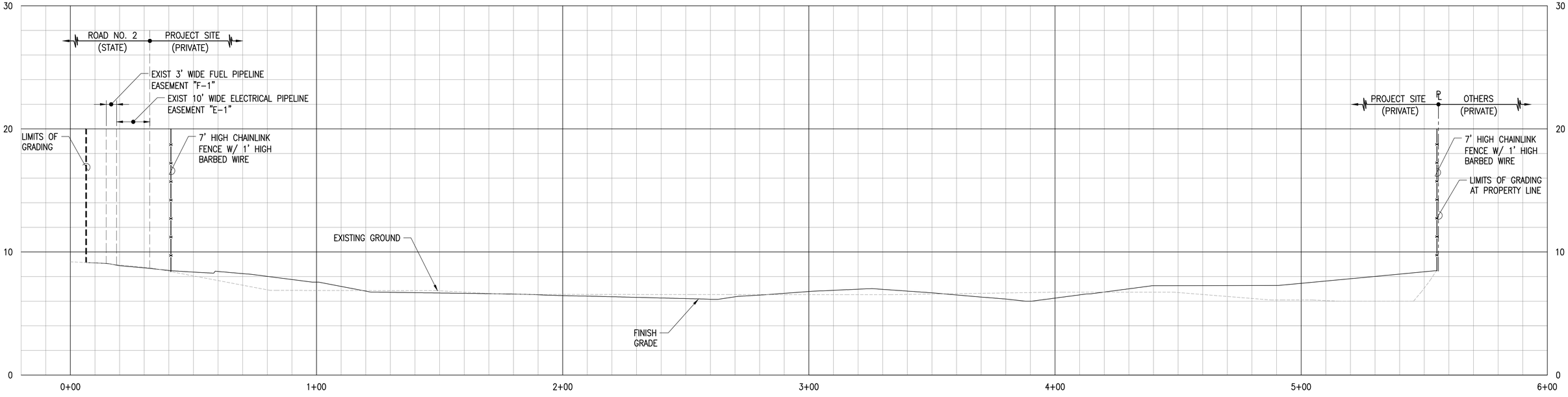
WILSON OKAMOTO CORPORATION

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1301
49 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



1 / C-1302 SITE SECTION "C-C"

SCALE: 1" = 20' (H)
1" = 4' (V)

GRAPHIC SCALE

20' 10' 0 20' 40'
SCALE: 1" = 20'

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

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EXP 4-30-28

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LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

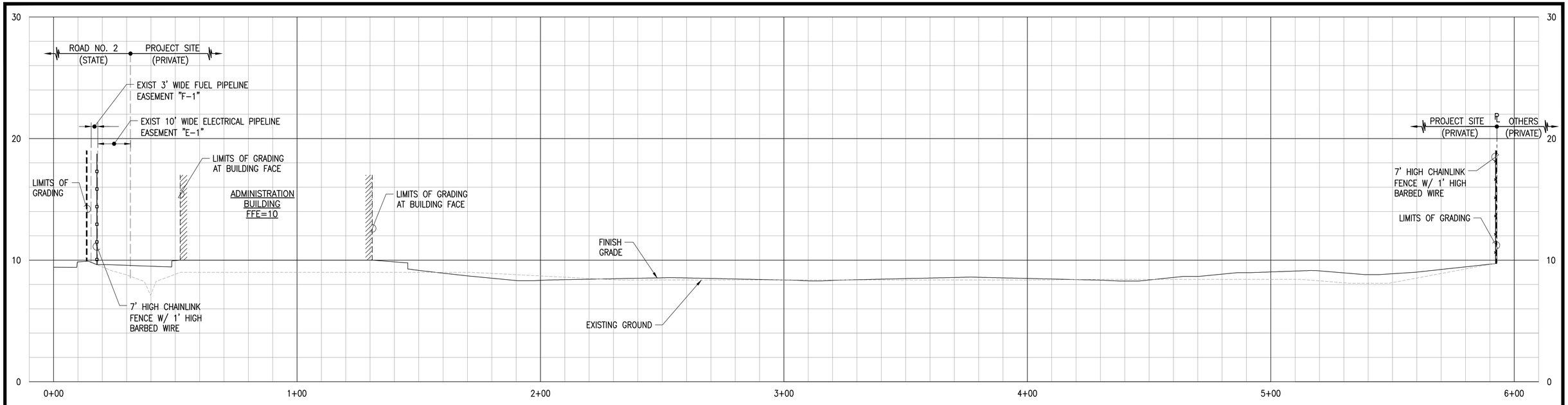
SHEET TITLE
SITE SECTION - 2

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1302
50 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



1 / C-1303 SITE SECTION "D-D"

SCALE: 1" = 20' (H)
1" = 4' (V)

1 / C-1303 SITE SECTION "E-E"

SCALE: 1" = 20' (H)
1" = 4' (V)

GRAPHIC SCALE

20' 10' 0 20' 40'
SCALE: 1" = 20'

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
SITE SECTION - 3

REYN M. SUGITAYA
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HAWAII, U.S.A.

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EXP 4-30-28

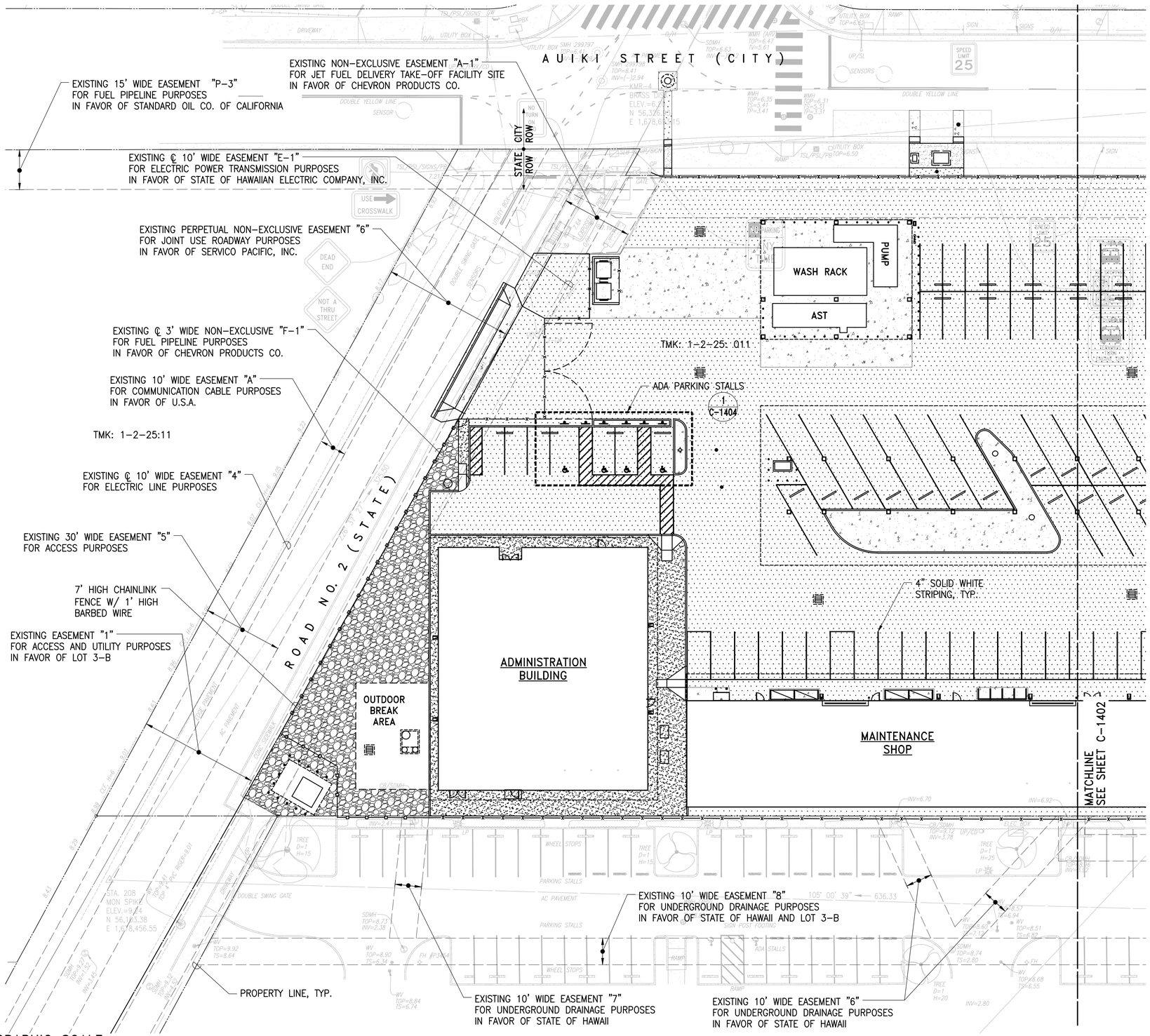
WILSON OKAMOTO CORPORATION

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1303
51 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



SIGNING AND STRIPING PLAN – 1

SCALE : 1" = 20'

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

SIGNING AND STRIPING PLAN - 1

REYN M. SUGITAYA
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HAWAII, U.S.A.

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EXP 4-30-28

WILSON OKAMOTO CORPORATION

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SCALE:	AS SHOWN

JOB NUMBER

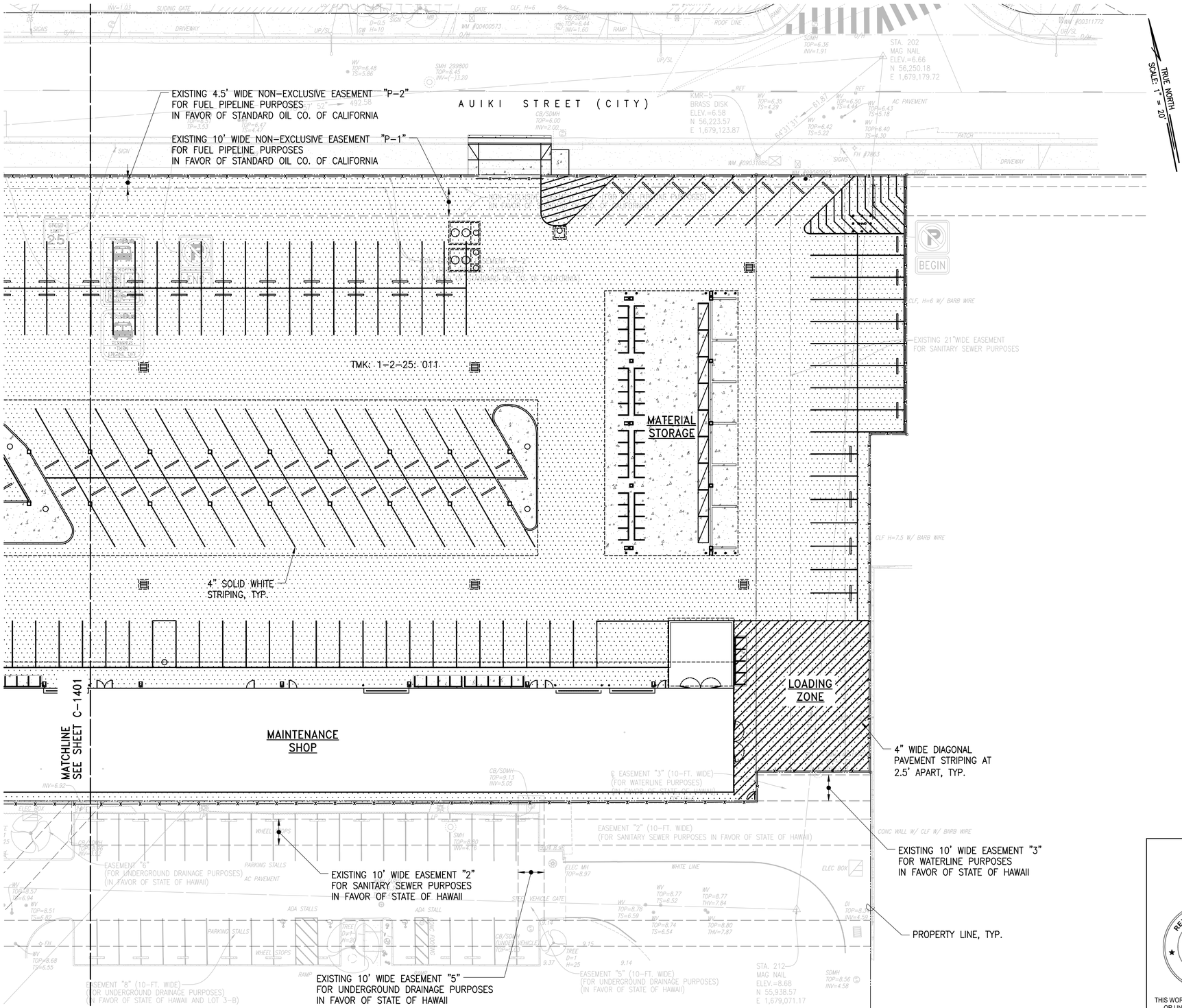
P10981

SHEET

C-1401

52 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



LEGEND

- PROPERTY LINE
- EASEMENT LINE
- 7' HIGH CHAINLINK FENCE W/ 1' HIGH BARBED WIRE
- A.C. PAVEMENT
- CONCRETE WALKWAY
- CONCRETE PAVEMENT

GRAPHIC SCALE

20' 10' 0 20' 40'

SCALE: 1" = 20'

SIGNING AND STRIPING PLAN – 2

SCALE : 1" = 20'

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

SIGNING AND STRIPING PLAN - 2

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
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HAWAII, U.S.A.

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WILSON OKAMOTO CORPORATION

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JOB NUMBER

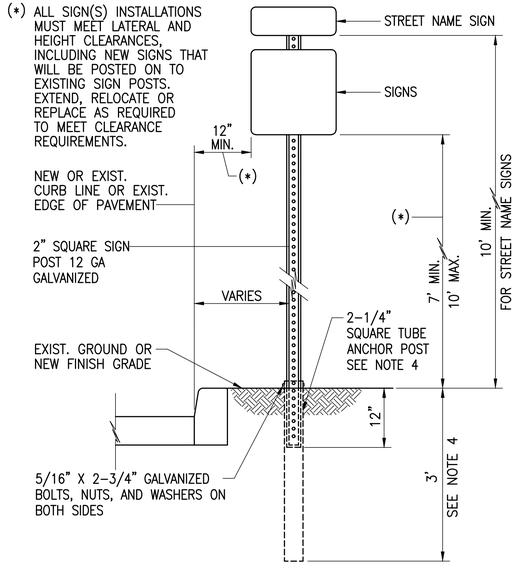
P10981

SHEET

C-1402

53 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

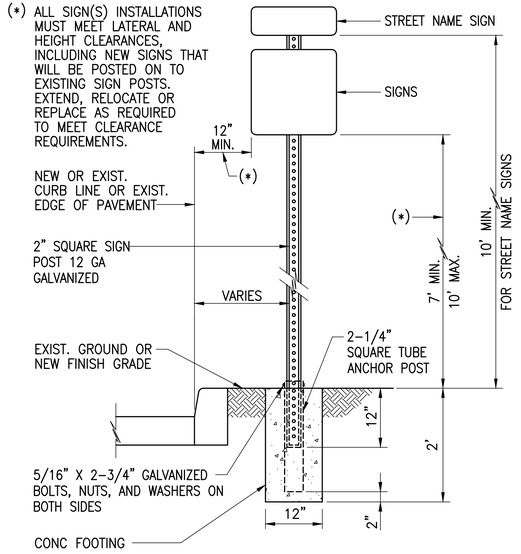


ANCHOR POSTS NOTES:

1. KEEP INSIDE OF 2-1/4" ANCHOR POST FREE FROM IMPEDIMENTS THAT MAY PREVENT PROPER SEATING OF THE 2" SIGN POST.
2. SQUARE TUBING SIGN POST SHALL BE TELESCOPING TYPE WITH 7/16" DIAMETER HOLES AT 1" O.C. ON FOUR SIDES.
3. USE 5/16" X 2-3/4" BOLTS TO SECURE THE SQUARE TUBING POST ONTO THE 2-1/4" SQUARE TUBE ANCHOR POST.
4. MINIMUM BURY DEPTH FOR THE 2-1/4" ANCHOR POST SHALL BE AS FOLLOWS:
   - 4' MIN. AT POOR SOIL CONDITIONS
   - 2'-6" MIN. AT ROCKY CONDITIONS

1 C-1403 INSTALLATION OF NEW OR RELOCATED SIGN POST WITH ANCHOR POST W/O CONCRETE FOOTING

NOT TO SCALE

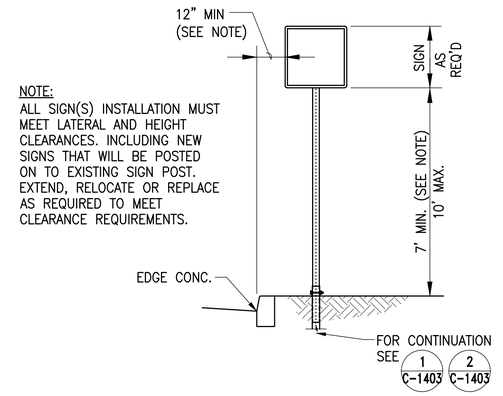


ANCHOR POSTS NOTES:

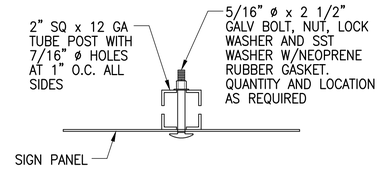
1. KEEP INSIDE OF 2-1/4" ANCHOR POST FREE FROM IMPEDIMENTS THAT MAY PREVENT PROPER SEATING OF THE 2" SIGN POST.
2. SQUARE TUBING SIGN POST SHALL BE TELESCOPING TYPE WITH 7/16" DIAMETER HOLES AT 1" O.C. ON FOUR SIDES.
3. USE 5/16" X 2-3/4" BOLTS TO SECURE THE SQUARE TUBING POST ONTO THE 2-1/4" SQUARE TUBE ANCHOR POST.

2 C-1403 INSTALLATION OF NEW RELOCATED SIGN POST WITH ANCHOR POST CONCRETE FOOTING

NOT TO SCALE



NOTE:
ALL SIGN(S) INSTALLATION MUST MEET LATERAL AND HEIGHT CLEARANCES. INCLUDING NEW SIGNS THAT WILL BE POSTED ON TO EXISTING SIGN POST. EXTEND, RELOCATE OR REPLACE AS REQUIRED TO MEET CLEARANCE REQUIREMENTS.



PLAN - SIGN MOUNTING

3 C-1403 TYPICAL SIGN POST

NOT TO SCALE

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
SIGNING AND STRIPING DETAILS - 1

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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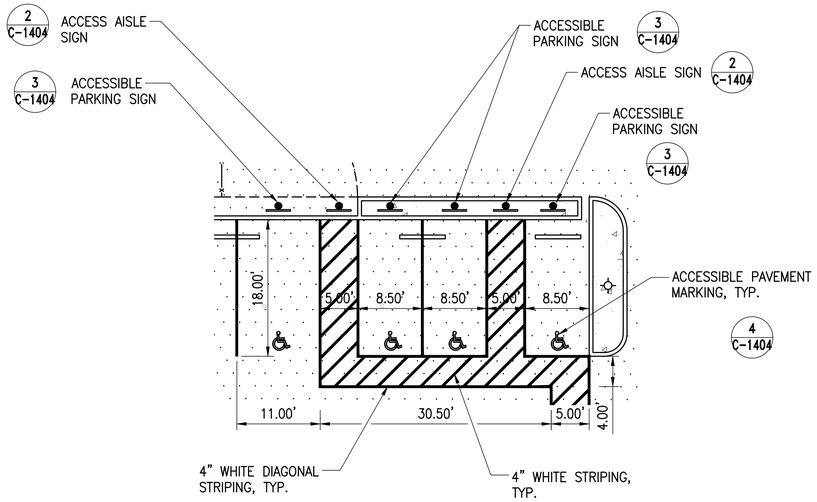
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CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

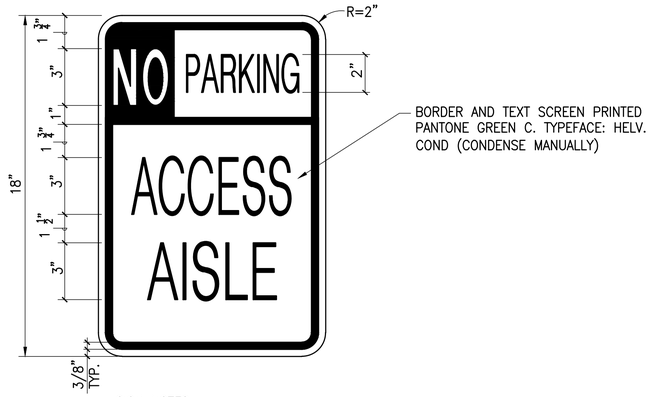
SHEET
C-1403
54 OF 273 SHTS.

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1 C-1404 ADA PARKING STALLS

NOT TO SCALE

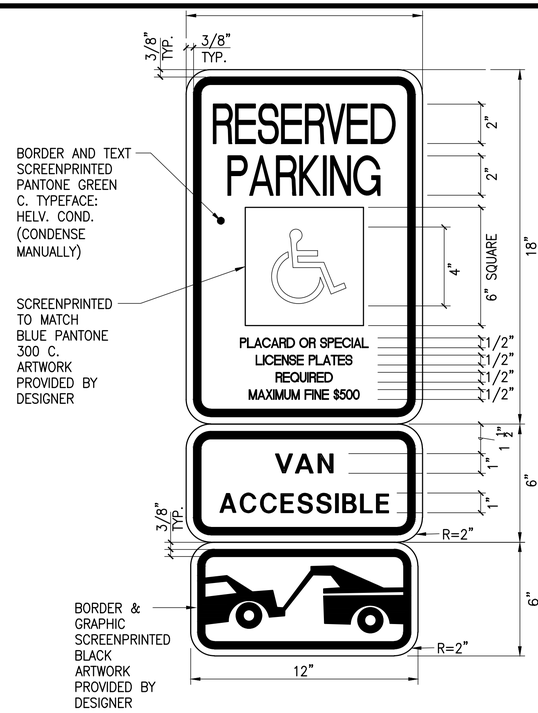


SIGN NOTES:

1. SIGNS SHALL CONFORM TO THE "GUIDANCE ON THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN" AND HAR 11-219, AND AS AMENDED.
2. SIGNS SHALL BE ALUMINUM T6061 SHEET COVERED WITH ENGINEERING GRADE REFLECTIVE SHEETING.
3. ALL SIGNS SHALL HAVE 3/8"ø BOLT HOLES PRE-DRILLED AT APPROPRIATE LOCATIONS.
4. SIGN LETTERING SHALL BE UPPERCASE LETTERS OF THE TYPE APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION.
5. ELEMENTS (TEXT AND GRAPHIC) REQUIRED ON SIGN MAY BE PLACED ON MORE THAN ONE SIGN. DIMENSIONS OF ELEMENTS ON SIGN ARE MINIMUM REQUIREMENTS.

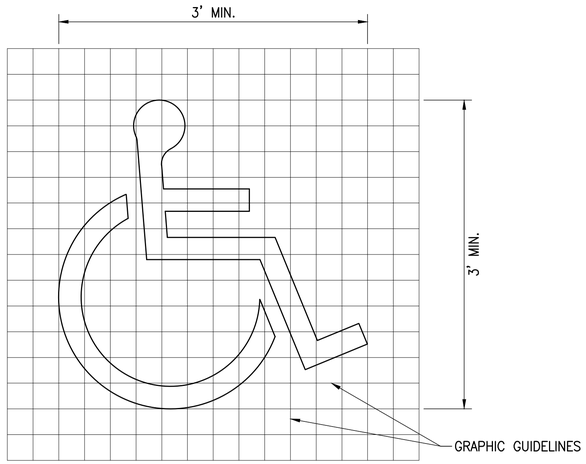
2 C-1404 TYPICAL ACCESS AISLE SIGN

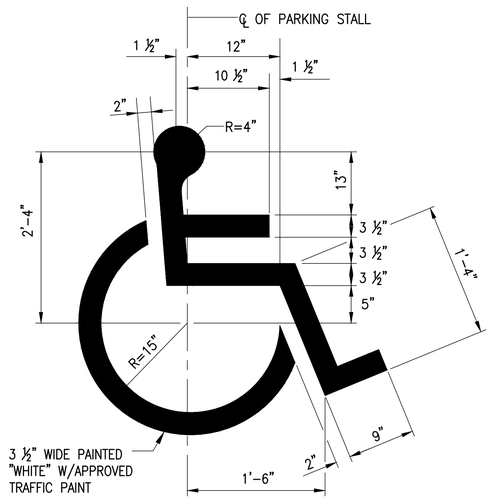
NOT TO SCALE



3 C-1404 ACCESSIBLE PARKING SIGN

NOT TO SCALE





4 C-1404 TYPICAL RESERVED PARKING ACCESSIBLE PAVEMENT MARKING

NOT TO SCALE

REVISION	DATE	DESCRIPTION	BY	APPROVED

REYN M. SUGITAYA LICENSED PROFESSIONAL ENGINEER No. 20684-C HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-26

WILSON OKAMOTO CORPORATION

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

SIGNING AND STRIPING DETAILS - 2

DESIGNED BY:	RS
DRAWN BY:	RS
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DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER P10981

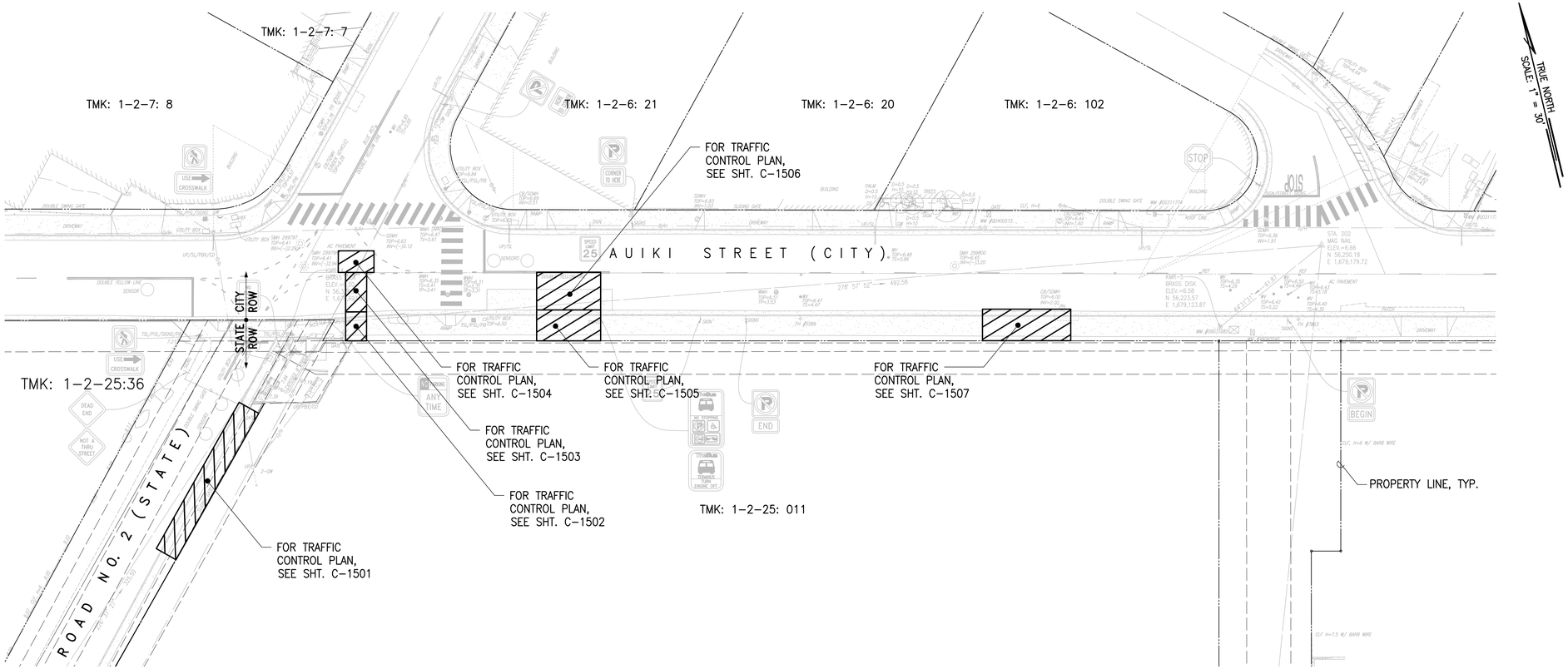
SHEET C-1404

55 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

GENERAL NOTES FOR TRAFFIC CONTROL PLAN:

1. THE PERMITTEE SHALL MAKE MINOR ADJUSTMENTS AT INTERSECTIONS, DRIVEWAYS, BRIDGES, STRUCTURES, ETC., TO FIT FIELD CONDITIONS.
2. CONES OR DELINEATORS SHALL BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
3. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED SUCH THAT THE SIGN OR DEVICE FARTHEST FROM THE WORK AREA IS PLACED FIRST. THE OTHERS SHALL THEN BE PLACED PROGRESSIVELY TOWARD THE WORK AREA.
4. REGULATORY AND WARNING SIGNS WITHIN THE CONSTRUCTION ZONE THAT ARE IN CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE REMOVED OR COVERED. ALL SIGNS SHALL BE RESTORED UPON COMPLETION OF WORK.
5. FLAGGERS AND/OR POLICE OFFICERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES.
6. WHEN REQUIRED BY THE ISSUING OFFICE, THE PERMITTEE SHALL INSTALL A FLASHING ARROW SIGNAL AS SHOWN ON THE TRAFFIC CONTROL PLAN.
7. ALL TRAFFIC LANES SHALL BE A MINIMUM OF 10 FEET WIDE.
8. ALL CONSTRUCTION WARNING SIGNS SHALL BE PROMPTLY REMOVED OR COVERED WHENEVER THE MESSAGE IS NOT APPLICABLE OR NOT IN USE.
9. THE BACKS OF ALL SIGNS USED FOR TRAFFIC CONTROL SHALL BE APPROPRIATELY COVERED TO PRECLUDE THE DISPLAY OF INAPPLICABLE SIGN MESSAGES (I.E., WHEN SIGNS HAVE MESSAGES ON BOTH FACES).
10. LANE CLOSURE SHALL BE LIMITED ONLY TO THE EXTENT OF ACCOMPLISHING EACH DAY'S WORK. AS SOON AS EACH DAY'S WORK IS COMPLETED, THE PERMITTEE SHALL REMOVE ALL TRAFFIC CONTROL DEVICES NO LONGER NEEDED TO PERMIT FREE AND SAFE PASSAGE OF PUBLIC TRAFFIC. REMOVAL SHALL BE IN THE REVERSE ORDER OF INSTALLATION. EXISTING FADED OR OBLITERATED PAVEMENT MARKINGS THAT ARE NECESSARY FOR SAFE TRAFFIC FLOW IN THE CONSTRUCTION AREA SHALL BE REPLACED WITH TEMPORARY OR PERMANENT MARKINGS BEFORE OPENING THE ROADWAY TO PUBLIC TRAFFIC EACH DAY.
11. PERMANENT PAVEMENT MARKINGS AND TRAFFIC SIGNS SHALL BE REPLACED UPON COMPLETION OF EACH PHASE OF WORK.
12. CONES AND DELINEATORS SHALL BE SPACED AT MAXIMUM DISTANCE OF 20 FEET APART. A MINIMUM OF SIX CHANNELIZING DEVICES SHALL BE USED FOR EACH TAPER LENGTH.
13. DRIVEWAYS SHALL BE KEPT OPEN UNLESS THE OWNERS OF THE PROPERTY USING THE RIGHT-OF-WAY ARE OTHERWISE PROVIDED FOR SATISFACTORILY. FURTHER, THE PERMITTEE SHALL CONTROL TRAFFIC GOING IN AND OUT OF DRIVEWAYS.
14. BUFFER AND TAPER AREAS ON APPROACH TO ANY WORK AREA SHALL BE KEPT CLEAR OF VEHICLES AND EQUIPMENT.
15. A HIGH LEVEL WARNING DEVICE (FLAG TREE) SHALL BE INSTALLED ON APPROACH TO ALL WORK AREAS.
16. "NO PARKING" SIGNS SHALL BE POSTED WITHIN ANY WORK AREA AND FOR THE BUFFER AND TAPER AREAS APPROACHING THE WORK AREA.
17. TRAFFIC CONTROL PLANS ARE APPROVED FOR WORK ON ANY CITY STREET AREA ONLY BETWEEN THE HOURS OF 8:30 A.M. AND 3:30 P.M. (MON. TO FRI.).



TRAFFIC NOTES FOR WORK ON CITY AND COUNTY STREETS

1. A PERMIT SHALL BE OBTAINED FROM THE DEPARTMENT OF TRANSPORTATION SERVICES BEFORE WORK ON ANY PORTION OF A PUBLIC STREET OR HIGHWAY MAY BEGIN. CONSTRUCTION TRAFFIC CONTROL PLANS APPROVED BY THE DEPARTMENT OF TRANSPORTATION SERVICES AND/OR THE DEPARTMENT OF PLANNING AND PERMITTING MUST BE PROVIDED WHEN APPLYING FOR THE PERMIT.
2. THE CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN ALL NECESSARY SIGNS AND OTHER PROTECTIVE FACILITIES, WHICH SHALL CONFORM WITH THE "HAWAII ADMINISTRATION RULES GOVERNING THE USE OF TRAFFIC CONTROL DEVICES AT WORK SITES ON OR ADJACENT TO PUBIC STREETS AND HIGHWAYS" ADOPTED BY THE DIRECTOR OF TRANSPORTATION, AND THE CURRENT US FEDERAL HIGHWAYS ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, PART IV TRAFFIC CONTROLS FOR STREET AND HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS".
3. WORK ON ANY CITY STREET AREA MAY BE PREFORMED ONLY BETWEEN THE HOURS OF 8:30 A.M. AND 3:30 P.M., MONDAY THROUGH FRIDAY, UNLESS OTHERWISE PERMITTED BY THE DEPARTMENT OF TRANSPORTATION SERVICES.
4. DURING WORKING HOURS. THE CONTRACTOR SHALL PROVIDE FOR THROUGH TRAFFIC DURING NON-WORKING HOURS. ALL TRENCHES SHALL BE COVERED WITH A SAFE NON-SKID BRIDGING MATERIAL AND ALL LANES SHALL BE OPEN TO TRAFFIC.
5. AS REQUIRED BY THE DEPARTMENT OF TRANSPORTATION SERVICES. THE CONTRACTOR SHALL PROVIDE OFF-DUTY POLICE OFFICERS TO CONTROL THE FLOW OF TRAFFIC.
6. WHERE PEDESTRIAN WALKWAYS EXIST, THEY SHALL BE MAINTAINED IN PASSABLE CONDITION OR OTHER FACILITIES FOR PEDESTRIANS SHALL BE PROVIDED PASSAGE BETWEEN WALKWAYS AT INTERSECTIONS SHALL LIKEWISE BE PROVIDED.
7. DRIVEWAYS SHALL BE KEPT OPEN UNLESS OWNERS OF THE PROPERTY USING THESE RIGHT-OF-WAYS ARE OTHERWISE PROVIDED FOR SATISFACTORILY.
8. CONTRACTOR SHALL REFERENCE TO THE APPROVAL OF THE DEPARTMENT OF TRANSPORTATION SERVICES AND THE DEPARTMENT OF PLANNING AND PERMITTING, ALL EXISTING TRAFFIC SIGNS, POSTS AND PAVEMENT MARKINGS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGN, POSTS AND PAVEMENT MARKINGS DISTURBED BY HIS ACTIVITIES.
9. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PLANNING AND PERMITTING AT (808) 768-8084 ONE (1) WEEK PRIOR TO ANY WORK TO BE DONE ON SIGNS, POST AND PAVEMENT MARKINGS.
10. NO EQUIPMENT SHALL BE STORED WITHIN STREET RIGHT-OF-WAY EXCEPT AT LOCATIONS DESIGNATED IN WRITING AND APPROVED BY THE DEPARTMENT OF TRANSPORTATION SERVICES.
11. THE OAHU DISTRICT BASEYARD SHALL ENSURE THAT THE CONTRACTOR INSTALLS THE CONSTRUCTION TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE MUTCD AND THE HAWAII ADMINISTRATION RULES AS SPECIFIED IN TRAFFIC NOTE #2.

NOTES:

1. POSTED SPEED LIMIT
   - 25 MPH (CORAL STREET)
   - 25 MPH (AUAHI STREET)
   - 25 MPH (COOKE STREET)
   - 35 MPH (ALA MOANA BOULEVARD)
2. MINIMUM TRAVEL LANE WIDTH = 10'-0"
3. MAXIMUM SPACING OF CONES OR DELINEATORS ARE:

WORK AREA	10 FT. O.C.
TANGENT	10 FT. O.C.
TAPER	20 FT. O.C.

4. MAINTAIN ACCESS WITHIN EXISTING DRIVEWAY FOR RESIDENT AT ALL TIMES.

LEGEND

WORK AREA

GRAPHIC SCALE:

30 15 0 30 60

SCALE: 1" = 30'

GENERAL TRAFFIC CONTROL PLAN

SCALE: 1" = 30'

REVISION	DATE	DESCRIPTION	BY	APPROVED

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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EXP 4-30-28

WILSON OKAMOTO CORPORATION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

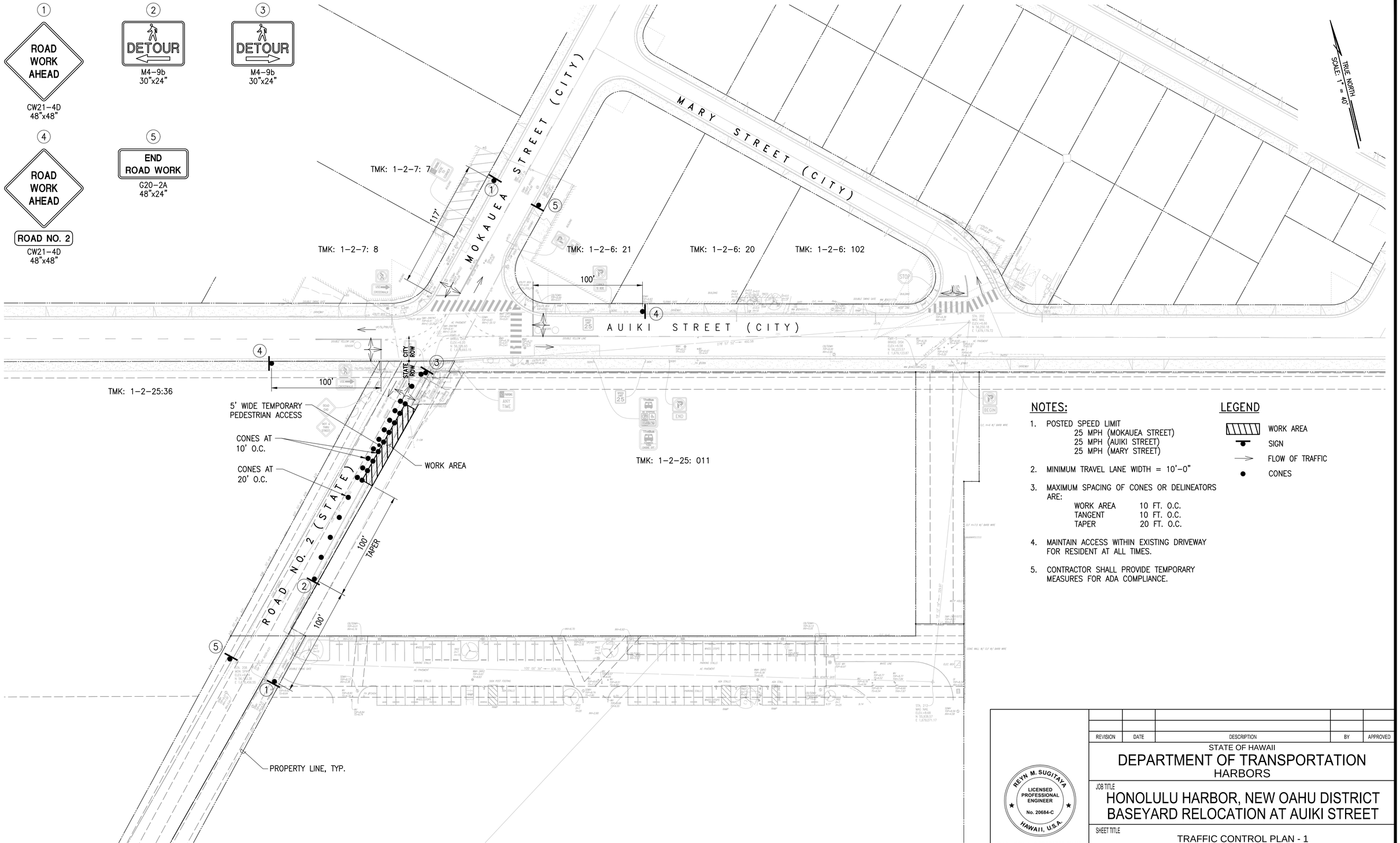
SHEET TITLE
GENERAL TRAFFIC CONTROL PLAN

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1500
56 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



NOTES:

1. POSTED SPEED LIMIT
   - 25 MPH (MOKAUEA STREET)
   - 25 MPH (AUIKI STREET)
   - 25 MPH (MARY STREET)
2. MINIMUM TRAVEL LANE WIDTH = 10'-0"
3. MAXIMUM SPACING OF CONES OR DELINEATORS ARE:

WORK AREA	10 FT. O.C.
TANGENT	10 FT. O.C.
TAPER	20 FT. O.C.

4. MAINTAIN ACCESS WITHIN EXISTING DRIVEWAY FOR RESIDENT AT ALL TIMES.
5. CONTRACTOR SHALL PROVIDE TEMPORARY MEASURES FOR ADA COMPLIANCE.

LEGEND

- WORK AREA
- SIGN
- FLOW OF TRAFFIC
- CONES

GRAPHIC SCALE:

40 20 0 40 80

SCALE: 1" = 40'

TRAFFIC CONTROL PLAN – 1

WORK HOURS: 8:30 AM TO 3:30 PM
WORK DURATION: MONDAY TO FRIDAY
SCALE: 1" = 40'

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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EXP 4-30-28

WILSON OKAMOTO CORPORATION

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

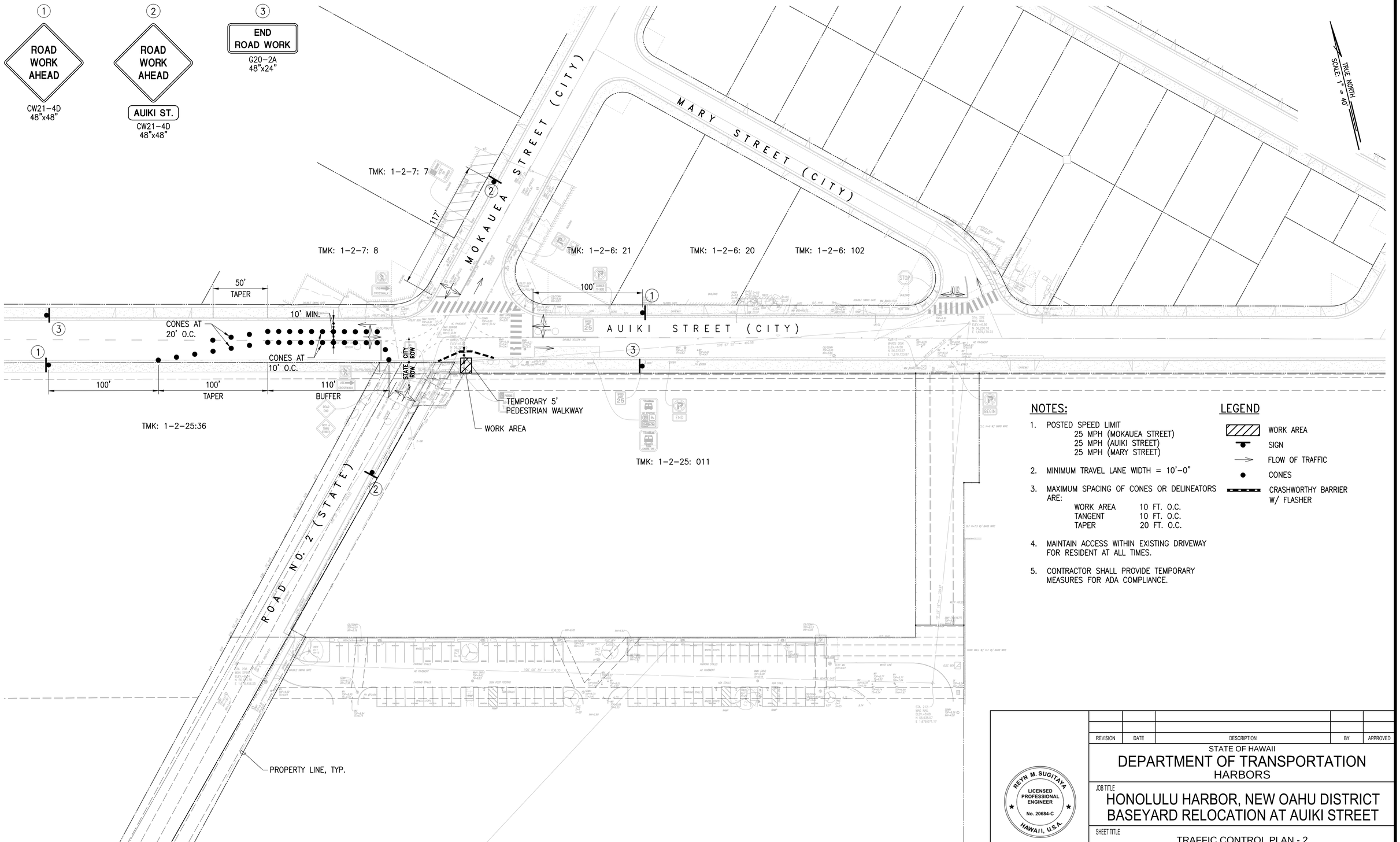
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TRAFFIC CONTROL PLAN - 1

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1501
57 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



NOTES:

1. POSTED SPEED LIMIT
   - 25 MPH (MOKAUEA STREET)
   - 25 MPH (AUIKI STREET)
   - 25 MPH (MARY STREET)
2. MINIMUM TRAVEL LANE WIDTH = 10'-0"
3. MAXIMUM SPACING OF CONES OR DELINEATORS ARE:

WORK AREA	10 FT. O.C.
TANGENT	10 FT. O.C.
TAPER	20 FT. O.C.

4. MAINTAIN ACCESS WITHIN EXISTING DRIVEWAY FOR RESIDENT AT ALL TIMES.
5. CONTRACTOR SHALL PROVIDE TEMPORARY MEASURES FOR ADA COMPLIANCE.

LEGEND

- WORK AREA
- SIGN
- FLOW OF TRAFFIC
- CONES
- CRASHWORTHY BARRIER W/ FLASHER

GRAPHIC SCALE:

40 20 0 40 80

SCALE: 1" = 40'

TRAFFIC CONTROL PLAN – 2

WORK HOURS: 8:30 AM TO 3:30 PM
WORK DURATION: MONDAY TO FRIDAY
SCALE: 1" = 40'

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
TRAFFIC CONTROL PLAN - 2

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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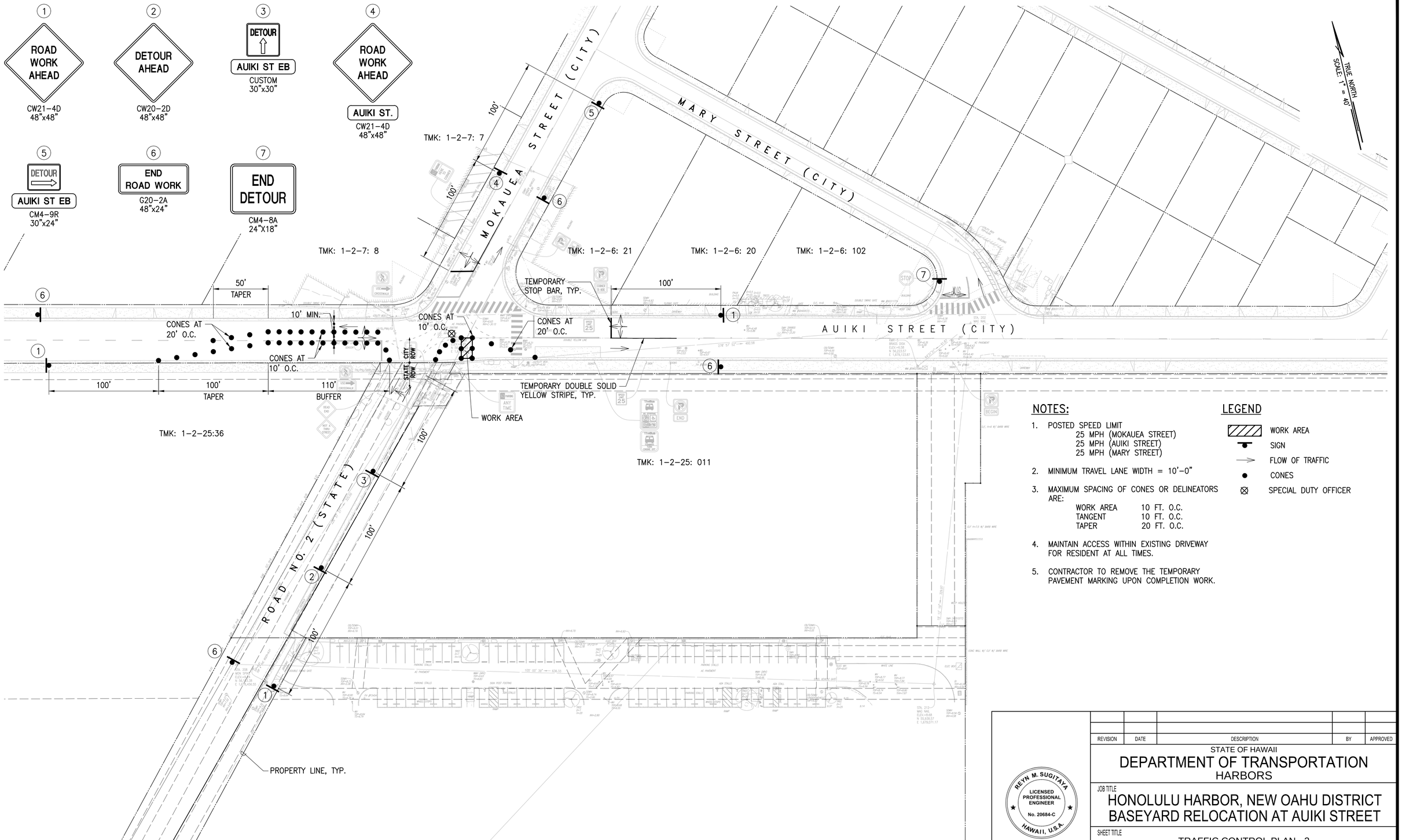
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DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1502
58 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



NOTES:

1. POSTED SPEED LIMIT
   - 25 MPH (MOKAUEA STREET)
   - 25 MPH (AUIKI STREET)
   - 25 MPH (MARY STREET)
2. MINIMUM TRAVEL LANE WIDTH = 10'-0"
3. MAXIMUM SPACING OF CONES OR DELINEATORS ARE:

WORK AREA	10 FT. O.C.
TANGENT	10 FT. O.C.
TAPER	20 FT. O.C.

4. MAINTAIN ACCESS WITHIN EXISTING DRIVEWAY FOR RESIDENT AT ALL TIMES.
5. CONTRACTOR TO REMOVE THE TEMPORARY PAVEMENT MARKING UPON COMPLETION WORK.

LEGEND

- WORK AREA
- SIGN
- FLOW OF TRAFFIC
- CONES
- SPECIAL DUTY OFFICER

GRAPHIC SCALE:

40 20 0 40 80
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN – 3

WORK HOURS: 8:30 AM TO 3:30 PM
WORK DURATION: MONDAY TO FRIDAY
SCALE: 1" = 40'

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
TRAFFIC CONTROL PLAN - 3

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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EXP 4-30-28

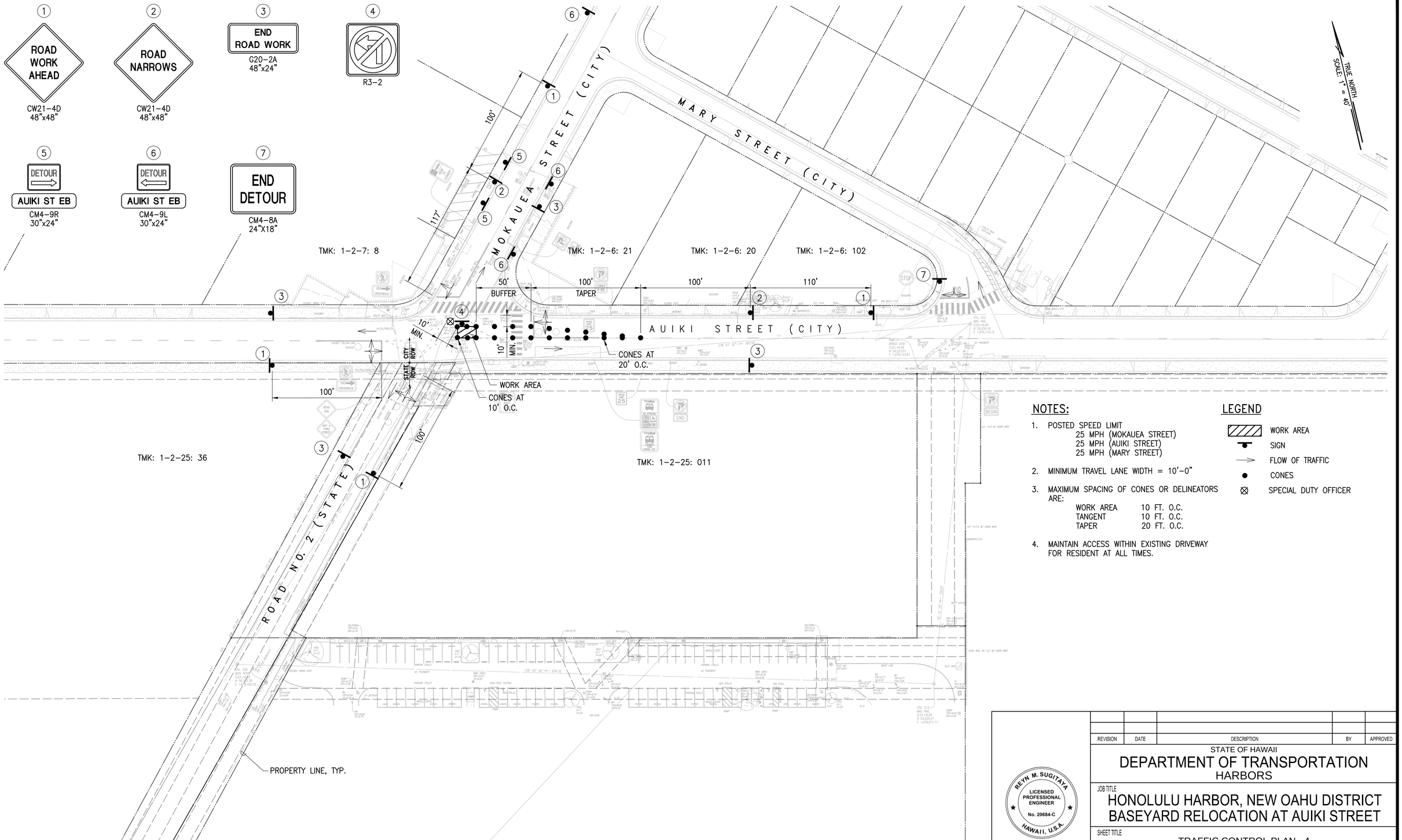
WILSON OKAMOTO CORPORATION

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DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1503
59 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



NOTES:

1. POSTED SPEED LIMIT
   25 MPH (MOKAUEA STREET)
   25 MPH (AUIKI STREET)
   25 MPH (MARY STREET)
2. MINIMUM TRAVEL LANE WIDTH = 10'-0"
3. MAXIMUM SPACING OF CONES OR DELINEATORS ARE:

WORK AREA	10 FT. O.C.
TANGENT	10 FT. O.C.
TAPER	20 FT. O.C.

4. MAINTAIN ACCESS WITHIN EXISTING DRIVEWAY FOR RESIDENT AT ALL TIMES.

LEGEND

- WORK AREA
- SIGN
- FLOW OF TRAFFIC
- CONES
- SPECIAL DUTY OFFICER

GRAPHIC SCALE:

40 20 0 40 80
SCALE: 1" = 40'

TRAFFIC CONTROL PLAN – 4

WORK HOURS: 8:30 AM TO 3:30 PM
WORK DURATION: MONDAY TO FRIDAY
SCALE: 1" = 40'

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
TRAFFIC CONTROL PLAN - 4

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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EXP 4-30-28

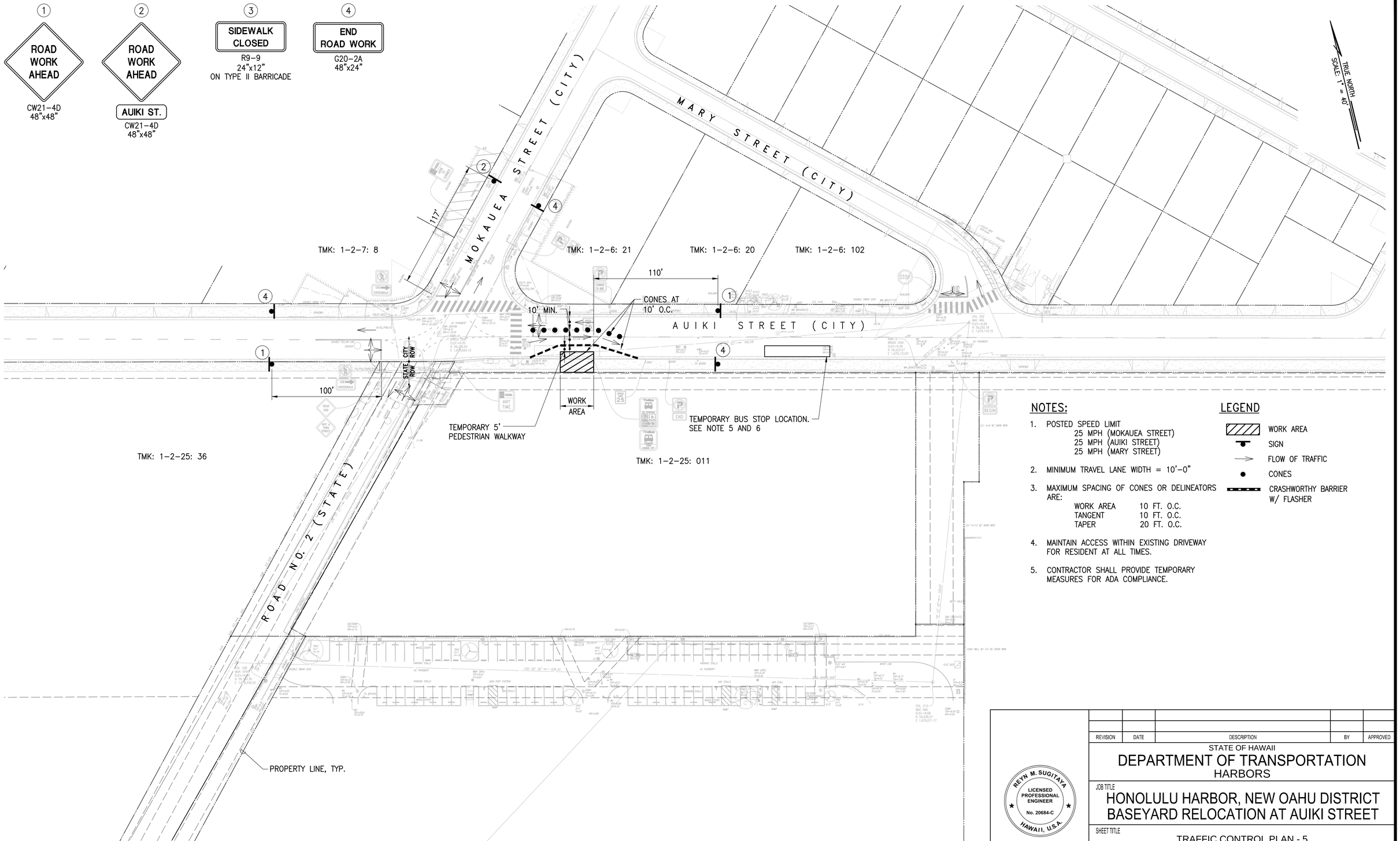
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CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1504
60 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



NOTES:

1. POSTED SPEED LIMIT
   - 25 MPH (MOKAUEA STREET)
   - 25 MPH (AUIKI STREET)
   - 25 MPH (MARY STREET)
2. MINIMUM TRAVEL LANE WIDTH = 10'-0"
3. MAXIMUM SPACING OF CONES OR DELINEATORS ARE:

WORK AREA	10 FT. O.C.
TANGENT	10 FT. O.C.
TAPER	20 FT. O.C.

4. MAINTAIN ACCESS WITHIN EXISTING DRIVEWAY FOR RESIDENT AT ALL TIMES.
5. CONTRACTOR SHALL PROVIDE TEMPORARY MEASURES FOR ADA COMPLIANCE.

LEGEND

- WORK AREA
- SIGN
- FLOW OF TRAFFIC
- CONES
- CRASHWORTHY BARRIER W/ FLASHER

GRAPHIC SCALE:

40 20 0 40 80

SCALE: 1" = 40'

TRAFFIC CONTROL PLAN – 5

WORK HOURS: 8:30 AM TO 3:30 PM
WORK DURATION: MONDAY TO FRIDAY
SCALE: 1" = 40'

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
TRAFFIC CONTROL PLAN - 5

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

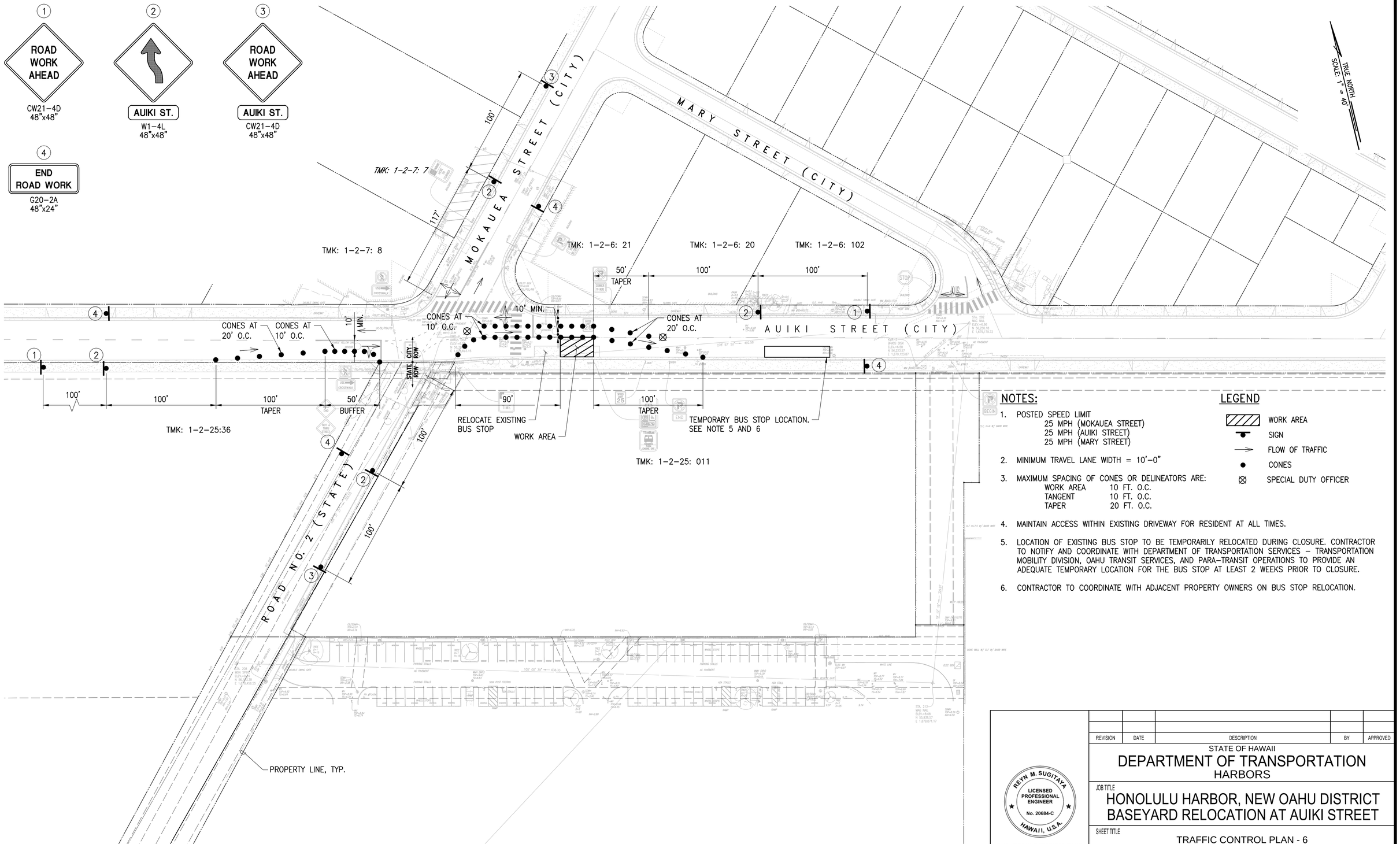
WILSON OKAMOTO CORPORATION

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1505
61 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



NOTES:

1. POSTED SPEED LIMIT
   25 MPH (MOKAUEA STREET)
   25 MPH (AUIKI STREET)
   25 MPH (MARY STREET)
2. MINIMUM TRAVEL LANE WIDTH = 10'-0"
3. MAXIMUM SPACING OF CONES OR DELINEATORS ARE:
   WORK AREA 10 FT. O.C.
   TANGENT 10 FT. O.C.
   TAPER 20 FT. O.C.
4. MAINTAIN ACCESS WITHIN EXISTING DRIVEWAY FOR RESIDENT AT ALL TIMES.
5. LOCATION OF EXISTING BUS STOP TO BE TEMPORARILY RELOCATED DURING CLOSURE. CONTRACTOR TO NOTIFY AND COORDINATE WITH DEPARTMENT OF TRANSPORTATION SERVICES – TRANSPORTATION MOBILITY DIVISION, OAHU TRANSIT SERVICES, AND PARA–TRANSIT OPERATIONS TO PROVIDE AN ADEQUATE TEMPORARY LOCATION FOR THE BUS STOP AT LEAST 2 WEEKS PRIOR TO CLOSURE.
6. CONTRACTOR TO COORDINATE WITH ADJACENT PROPERTY OWNERS ON BUS STOP RELOCATION.

LEGEND

- WORK AREA
- SIGN
- FLOW OF TRAFFIC
- CONES
- SPECIAL DUTY OFFICER

GRAPHIC SCALE:

40 20 0 40 80

SCALE: 1" = 40'

TRAFFIC CONTROL PLAN – 6

WORK HOURS: 8:30 AM TO 3:30 PM
WORK DURATION: MONDAY TO FRIDAY
SCALE: 1" = 40'

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
TRAFFIC CONTROL PLAN - 6

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

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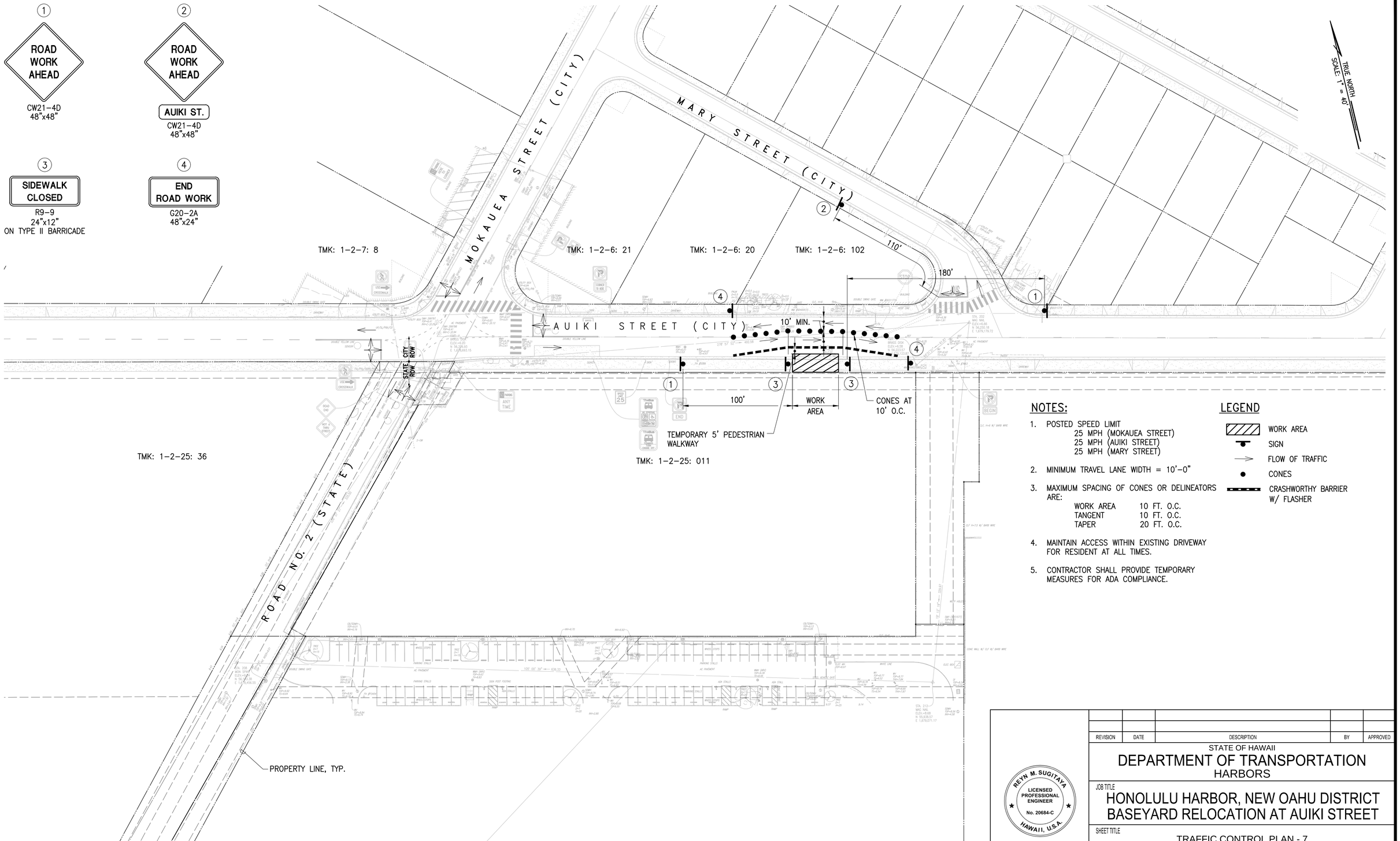
WILSON OKAMOTO CORPORATION

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1506
62 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026



NOTES:

1. POSTED SPEED LIMIT
   - 25 MPH (MOKAUEA STREET)
   - 25 MPH (AUIKI STREET)
   - 25 MPH (MARY STREET)
2. MINIMUM TRAVEL LANE WIDTH = 10'-0"
3. MAXIMUM SPACING OF CONES OR DELINEATORS ARE:

WORK AREA	10 FT. O.C.
TANGENT	10 FT. O.C.
TAPER	20 FT. O.C.

4. MAINTAIN ACCESS WITHIN EXISTING DRIVEWAY FOR RESIDENT AT ALL TIMES.
5. CONTRACTOR SHALL PROVIDE TEMPORARY MEASURES FOR ADA COMPLIANCE.

LEGEND

- WORK AREA
- SIGN
- FLOW OF TRAFFIC
- CONES
- CRASHWORTHY BARRIER W/ FLASHER

GRAPHIC SCALE:

40 20 0 40 80

SCALE: 1" = 40'

TRAFFIC CONTROL PLAN – 7

WORK HOURS: 8:30 AM TO 3:30 PM
WORK DURATION: MONDAY TO FRIDAY
SCALE: 1" = 40'

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
TRAFFIC CONTROL PLAN - 7

REYN M. SUGITAYA
LICENSED PROFESSIONAL ENGINEER
No. 20684-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

WILSON OKAMOTO CORPORATION

DESIGNED BY:	RS
DRAWN BY:	RS
CHECKED BY:	BL
DATE:	09/2026
SCALE:	AS SHOWN

JOB NUMBER
P10981

SHEET
C-1507
63 OF 273 SHTS.

100% SUBMITTAL - SEPTEMBER 2026

STRUCTURAL GENERAL NOTES

GENERAL

1. THE TERM "CONSTRUCTION ENGINEER" IN THESE DRAWINGS REFERS TO THE STATE OF HAWAII DEPARTMENT OF TRANSPORTATION, HARBORS DIVISION CONSTRUCTION ENGINEER OR THEIR DESIGNATED REPRESENTATIVE.

2. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND REPORT CONFLICTS TO THE CONSTRUCTION ENGINEER BEFORE BEGINNING WORK.

3. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, FINISHES, AND ADDITIONAL INFORMATION. SEE CIVIL DRAWINGS FOR FINISH GRADES, SITE PAVING, SIDEWALKS, AND ADDITIONAL INFORMATION. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR PIPE SLEEVES, CONDUITS, PENETRATIONS, INSERTS, EQUIPMENT ANCHORAGE AND BRACING, EQUIPMENT PAD DIMENSIONS, AND ADDITIONAL INFORMATION.

4. FIELD-VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND REPORT CONFLICTS TO THE CONSTRUCTION ENGINEER BEFORE STARTING WORK.

5. THE DRAWINGS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS, SAFETY PRECAUTIONS, SHORING, BRACING, AND FORMWORK REQUIRED DURING CONSTRUCTION.

6. THE DRAWINGS INDICATE TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE SIMILAR TO TYPICAL CONDITIONS, PROVIDE SIMILAR DETAILS SUBJECT TO REVIEW AND APPROVAL BY THE CONSTRUCTION ENGINEER.

7. CONTRACTOR-PROPOSED VARIATIONS FROM THE DESIGN SHOWN REQUIRE DESIGNER-OF-RECORD APPROVAL AND CONSTRUCTION ENGINEER CONCURRENCE PRIOR TO FABRICATION OR CONSTRUCTION.

8. DO NOT SCALE DRAWINGS TO DETERMINE DIMENSIONS.

CODES AND REFERENCE STANDARDS

1. DESIGN AND CONSTRUCTION MUST CONFORM TO ALL LISTED CODES AND REFERENCE STANDARDS IN ADDITION TO ALL APPLICABLE REGULATIONS.

2. BUILDING CODE:
   A. 2018 INTERNATIONAL BUILDING CODE AS AMENDED BY THE STATE OF HAWAII

3. REFERENCE STANDARDS:
   A. ACI 318-14, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
   B. AISC 341-16, SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS
   C. AISC 348-14, SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS
   D. AISC 360-16, SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
   E. AISI S100-16, NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS
   F. ASCE/SEI 7-16, MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES
   G. AWS D1.1-15, STRUCTURAL WELDING CODE - STEEL
   H. AWS D1.3-18, STRUCTURAL WELDING CODE - SHEET STEEL
   I. AWS D1.4-18, STRUCTURAL WELDING CODE - REINFORCING STEEL
   J. AWS D1.8-16, STRUCTURAL WELDING CODE - SEISMIC SUPPLEMENT
   K. MBMA MBSM-18, METAL BUILDING MANUFACTURERS ASSOCIATION, METAL BUILDING SYSTEMS MANUAL, 2018
   L. TMS 402/602-16, BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES

DESIGN LOADS

1. DEAD LOADS:
   A. SELF-WEIGHT OF STRUCTURAL MEMBERS
   B. ROOF COLLATERAL DEAD LOAD — 5 PSF
   C. MEZZANINE COLLATERAL DEAD LOAD — 5 PSF

2. LIVE LOADS:
   A. ROOF — 20 PSF (REDUCIBLE), 300 LB CONCENTRATED
   B. RESTROOMS — 60 PSF (REDUCIBLE)
   C. OFFICES — 80 PSF (REDUCIBLE), 2,000 LB CONCENTRATED
   D. LOBBIES, CORRIDORS ABOVE 1ST FLOOR — 100 PSF (REDUCIBLE), 2,000 LB CONCENTRATED
   E. STAIRS — 100 PSF (REDUCIBLE), 300 LB CONCENTRATED
   F. STORAGE ROOMS, MEZZANINES — 125 PSF
   G. SHOPS AND EQUIPMENT ROOMS — 150 PSF (OR EQUIP + PAD WEIGHT)
   H. MAINTENANCE SHOP FORKLIFT CAPACITY — 3 TONS (6,000 LB) W/ LIFTING, 5 TONS VEHICLE ONLY W/O LIFTING
   I. AUTO SHOP CRANE CAPACITY — 2 TONS (4,000 LB), LOAD TEST = 125% OF RATED CAPACITY
   J. HANDRAILS, GUARDRAILS — 50 PLF UNIFORM, 200 LB CONCENTRATED

3. SNOW LOADS:
   A. GROUND SNOW LOAD — 0 PSF

4. WIND DESIGN DATA:
   A. BASIC WIND SPEED — 137 MPH AT MAIN BUILDINGS, 122 MPH AT SITE CANOPIES AND SITE WALLS
   B. ALLOWABLE STRESS DESIGN WIND SPEED — 106 MPH AT MAIN BUILDINGS, 95 MPH AT SITE CANOPIES AND SITE WALLS
   C. RISK CATEGORY — II AT MAIN BUILDINGS, I AT SITE CANOPIES AND SITE WALLS
   D. EXPOSURE CATEGORY — C
   E. INTERNAL PRESSURE COEFFICIENT — ±0.18 AT MAIN BUILDINGS, 0.00 AT SITE CANOPIES
   F. COMPONENT AND CLADDING PRESSURES — SEE TABLES W1 THROUGH W3, THIS SHEET

5. EARTHQUAKE DESIGN DATA:
   A. RISK CATEGORY — II AT MAIN BUILDINGS, I AT SITE CANOPIES AND SITE WALLS
   B. IMPORTANCE FACTOR — 1.0
   C. MAPPED SPECTRAL RESPONSE ACCELERATIONS — S_S = 0.574, S_1 = 0.166
   D. SITE CLASS — C
   E. DESIGN SPECTRAL RESPONSE ACCELERATIONS — S_{DS}= 0.486, S_{D1}= 0.166
   F. SEISMIC DESIGN CATEGORY — C
   G. BASIC SEISMIC FORCE-RESISTING SYSTEM — STEEL ORDINARY CONCENTRICALLY BRACED FRAMES, STEEL ORDINARY MOMENT FRAMES
   H. RESPONSE COEFFICIENT — C_s= 0.139 FOR BRACED FRAMES, 0.150 FOR MOMENT FRAMES
   I. RESPONSE MODIFICATION COEFFICIENT — R=3.25 FOR BRACED FRAMES, 3.5 FOR MOMENT FRAMES.
   J. ANALYSIS PROCEDURE — EQUIVALENT LATERAL FORCE

6. FLOOD DESIGN DATA: — SEE CIVIL DRAWINGS

7. ROOF RAIN LOAD DATA:
   A. RAIN INTENSITY — 3.64 IN/HR (1-HOUR DURATION/100-YEAR RETURN PERIOD); 7.85 IN/HR (15-MIN DURATION/100-YEAR RETURN PERIOD)

CONCRETE MASONRY

1. MATERIALS:
   A. CONCRETE MASONRY UNITS — ASTM C90, MEDIUM OR NORMAL WEIGHT
   B. MORTAR — ASTM C270, TYPE M OR S
   C. GROUT — ASTM C476
   D. GROUT COMPRESSIVE STRENGTH — 2,000 PSI AT 28 DAYS
   E. CMU ASSEMBLY DESIGN STRENGTH, f'm — 2,000 PSI

2. CONSTRUCT MASONRY IN RUNNING BOND UNLESS NOTED OTHERWISE.

3. GROUT MASONRY SOLID UNLESS NOTED OTHERWISE.

4. PLACE HORIZONTAL BARS IN BOND BEAM OR LINTEL UNITS.

5. SECURE REINFORCING WITH 9 GAUGE WIRE GALVANIZED BAR POSITIONERS.

6. GROUT POURS MUST NOT EXCEED A HEIGHT OF 8'-0" UNLESS CLEANOUTS ARE PROVIDED.

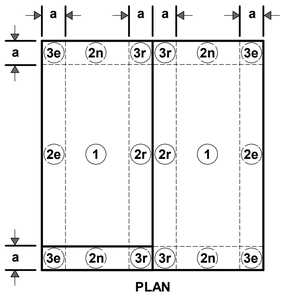
7. SEE ARCHITECTURAL DRAWINGS FOR CMU TEXTURE AND COLOR.

TABLE W1. ADMINISTRATION BUILDING COMPONENT AND CLADDING WIND PRESSURES (PSF) [a,b,c,d]

ZONE[f]	LOCATION[f]	EFFECTIVE WIND AREA (SF) [e]					
		≤10	20	50	100	200	> 500
1	ROOF INTERIOR, TYPICAL	19.7 / -73.6	17.1 / -73.6	16.0 / -42.2	16.0 / -18.4	16.0 / -18.4	16.0 / -18.4
	ROOF INTERIOR, OVERHANG	56.1 / -92.0	51.8 / -92.0	48.3 / -71.0	46.6 / -55.2	44.8 / -55.2	42.5 / -55.2
2e	ROOF EAVE EDGE, TYPICAL	19.7 / -73.6	17.1 / -73.6	16.0 / -42.2	16.0 / -18.4	16.0 / -18.4	16.0 / -18.4
	ROOF EAVE EDGE, OVERHANG	56.1 / -92.0	51.8 / -92.0	48.3 / -71.0	46.6 / -55.2	44.8 / -55.2	42.5 / -55.2
2n	ROOF RAKE EDGE, TYPICAL	19.7 / -110.4	17.1 / -94.6	16.0 / -73.6	16.0 / -57.8	16.0 / -36.8	16.0 / -36.8
	ROOF RAKE EDGE, OVERHANG	56.1 / -128.8	51.8 / -116.9	48.3 / -101.2	46.6 / -89.3	44.8 / -73.6	42.5 / -73.6
2r	ROOF RIDGE, TYPICAL	19.7 / -110.4	17.1 / -94.6	16.0 / -73.6	16.0 / -57.8	16.0 / -36.8	16.0 / -36.8
	ROOF RIDGE, OVERHANG	56.1 / -128.8	51.8 / -116.9	48.3 / -101.2	46.6 / -89.3	44.8 / -73.6	42.5 / -73.6
3e	ROOF EAVE CORNER, TYPICAL	19.7 / -110.4	17.1 / -94.6	16.0 / -73.6	16.0 / -57.8	16.0 / -36.8	16.0 / -36.8
	ROOF EAVE CORNER, OVERHANG	56.1 / -150.9	51.8 / -130.3	48.3 / -103.0	46.6 / -82.4	44.8 / -55.2	42.5 / -55.2
3r	ROOF RIDGE CORNER, TYPICAL	19.7 / -132.5	17.1 / -112.5	16.0 / -86.2	16.0 / -66.2	16.0 / -66.2	16.0 / -66.2
	ROOF RIDGE CORNER, OVERHANG	56.1 / -173.0	51.8 / -146.4	48.3 / -111.2	46.6 / -84.6	44.8 / -84.6	42.5 / -84.6
4	WALL INTERIOR	33.1 / -36.4	31.4 / -34.7	29.0 / -32.3	27.3 / -30.6	25.5 / -28.8	23.2 / -26.5
5	WALL CORNER	33.1 / -46.4	31.4 / -42.8	29.0 / -38.2	27.3 / -34.7	25.5 / -31.2	23.2 / -26.5

TABLE W1 NOTES :
a. TABLE APPLIES TO BUILDINGS OR PORTIONS OF BUILDINGS WITH GABLE ROOFS OF SLOPE > 7 DEGREES (1.5V:12H)
b. POSITIVE PRESSURES ACT INWARDS TOWARD BUILDING, NEGATIVE PRESSURES ACT OUTWARD AWAY FROM BUILDING.
c. VALUES ARE EXTERIOR PRESSURES ONLY. FOR COMPONENTS WITH INTERIOR PRESSURE, ADD ±6.6 PSF. AT OVERHANGS, VALUES INCLUDE PRESSURES FROM BOTH UPPER AND LOWER SURFACES.
d. VALUES ARE STRENGTH LEVEL. FOR ALLOWABLE STRESS LEVEL, MULTIPLY BY 0.6.
e. SEE ASCE 7 SECTION 26.2 FOR EFFECTIVE WIND AREA DEFINITION.
f. SEE DIAGRAM BELOW FOR ROOF ZONE LOCATIONS. DIMENSION a = 7'-8".
ZONE 4 = WALL AREAS NOT WITHIN DIMENSION a OF CORNERS
ZONE 5 = WALL AREAS WITHIN DIMENSION a OF CORNERS

TABLE W1 ROOF ZONE SCHEMATIC DIAGRAM :



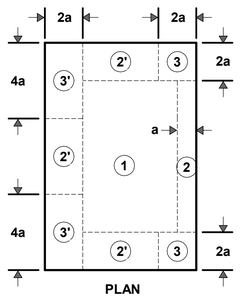
PLAN

TABLE W2. MAINTENANCE SHOP COMPONENT AND CLADDING WIND PRESSURES (PSF) [a,b,c,d]

ZONE[f]	LOCATION[f]	EFFECTIVE WIND AREA (SF) [e]					
		≤10	20	50	100	200	> 500
1	ROOF INTERIOR, TYPICAL	16.0 / -41.1	16.0 / -41.1	16.0 / -41.1	16.0 / -41.1	16.0 / -41.1	16.0 / -41.1
	ROOF INTERIOR, OVERHANG	53.0 / -74.8	51.2 / -73.0	48.9 / -70.6	47.1 / -68.8	45.4 / -67.0	42.9 / -64.7
2	ROOF LOW EDGE, TYPICAL	16.0 / -48.6	16.0 / -47.5	16.0 / -46.0	16.0 / -44.9	16.0 / -44.9	16.0 / -44.9
	ROOF LOW EDGE, OVERHANG	53.0 / -82.3	51.2 / -79.4	48.9 / -75.5	47.1 / -72.6	45.4 / -70.8	42.9 / -68.5
2'	ROOF HIGH EDGE, TYPICAL	16.0 / -59.8	16.0 / -58.7	16.0 / -57.2	16.0 / -56.1	16.0 / -56.1	16.0 / -56.1
	ROOF HIGH EDGE, OVERHANG	53.0 / -93.5	51.2 / -90.6	48.9 / -86.7	47.1 / -83.8	45.4 / -82.0	42.9 / -79.7
3	ROOF LOW CORNER, TYPICAL	16.0 / -67.3	16.0 / -60.6	16.0 / -51.6	16.0 / -44.9	16.0 / -44.9	16.0 / -44.9
	ROOF LOW CORNER, OVERHANG	53.0 / -101.0	51.2 / -92.5	48.9 / -81.1	47.1 / -72.6	45.4 / -70.8	42.9 / -68.5
3'	ROOF HIGH CORNER, TYPICAL	16.0 / -97.2	16.0 / -86.0	16.0 / -71.1	16.0 / -59.8	16.0 / -59.8	16.0 / -59.8
	ROOF HIGH CORNER, OVERHANG	53.0 / -130.9	51.2 / -117.9	48.9 / -100.6	47.1 / -87.5	45.4 / -85.7	42.9 / -83.4
4	WALL INTERIOR	33.7 / -37.0	31.9 / -35.2	29.5 / -32.9	27.7 / -31.1	25.9 / -29.3	23.6 / -26.9
5	WALL CORNER	33.7 / -47.1	31.9 / -43.5	29.5 / -38.8	27.7 / -35.2	25.9 / -31.7	23.6 / -26.9

TABLE W2 NOTES :
a. TABLE APPLIES TO BUILDINGS OR PORTIONS OF BUILDINGS WITH MONOSLOPE ROOFS OF SLOPE < 10 DEGREES (2V:12H)
b. POSITIVE PRESSURES ACT INWARDS TOWARD BUILDING, NEGATIVE PRESSURES ACT OUTWARD AWAY FROM BUILDING.
c. VALUES ARE EXTERIOR PRESSURES ONLY. FOR COMPONENTS WITH INTERIOR PRESSURE, ADD ±6.7 PSF. AT OVERHANGS, VALUES INCLUDE PRESSURES FROM BOTH UPPER AND LOWER SURFACES.
d. VALUES ARE STRENGTH LEVEL. FOR ALLOWABLE STRESS LEVEL, MULTIPLY BY 0.6.
e. SEE ASCE 7 SECTION 26.2 FOR EFFECTIVE WIND AREA DEFINITION.
f. SEE DIAGRAM BELOW FOR ROOF ZONE LOCATIONS. DIMENSION a = 5'-0".
ZONE 4 = WALL AREAS NOT WITHIN DIMENSION a OF CORNERS
ZONE 5 = WALL AREAS WITHIN DIMENSION a OF CORNERS

TABLE W2 ROOF ZONE SCHEMATIC DIAGRAM :



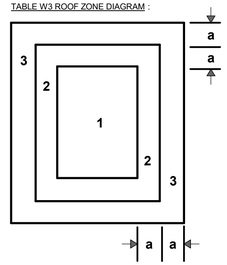
PLAN

TABLE W3. SITE CANOPIES COMPONENT AND CLADDING WIND PRESSURES (PSF) [a,b,c,d]

ZONE[f]	LOCATION[f]	EFFECTIVE WIND AREA (SF) [e]		
		≤ 36	> 36 ≤ 144	> 144
1	ROOF INTERIOR	43.4 / -45.1	43.4 / -45.1	43.4 / -45.1
2	ROOF INTERMEDIATE	64.7 / -68.6	64.7 / -68.6	43.4 / -45.1
3	ROOF PERIMETER	86.4 / -135.4	64.7 / -68.6	43.4 / -45.1

TABLE W3 NOTES :
a. TABLE APPLIES TO MONOSLOPE OR GABLE FREE ROOFS OF SLOPE LESS THAN 10 DEGREES (2V:12H).
b. POSITIVE PRESSURES ACT INWARDS TOWARD BUILDING, NEGATIVE PRESSURES ACT OUTWARD AWAY FROM BUILDING.
c. VALUES INCLUDE PRESSURES FROM BOTH UPPER AND LOWER SURFACES.
d. VALUES ARE STRENGTH LEVEL. FOR ALLOWABLE STRESS LEVEL, MULTIPLY BY 0.6.
e. SEE ASCE 7 SECTION 26.2 FOR EFFECTIVE WIND AREA DEFINITION.
f. SEE DIAGRAM BELOW FOR ROOF ZONE LOCATIONS. DIMENSION a = 6'-0".

TABLE W3 ROOF ZONE DIAGRAM :



CONCRETE

1. PROVIDE CONCRETE PROPERTIES IN ACCORDANCE WITH TABLE C1, THIS SHEET.

2. DO NOT EMBED CONDUITS, PIPES, OR SLEEVES IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED ON THE DRAWINGS OR APPROVED BY THE CONSTRUCTION ENGINEER.

3. CONSTRUCTION JOINTS NOT SPECIFICALLY DETAILED ON THE DRAWINGS MUST BE APPROVED BY THE CONSTRUCTION ENGINEER. ROUGHEN CONSTRUCTION JOINTS TO 1/4" AMPLITUDE UNLESS NOTED OTHERWISE. CLEAN SURFACE AND REMOVE LAITANCE PRIOR TO PLACING ADJACENT CONCRETE.

4. CHAMFER EXPOSED CORNERS 3/4" UNLESS NOTED OTHERWISE.

5. PROVIDE ASTM C1107 NON-SHRINK GROUT WITH MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI UNDER BASE PLATES.

TABLE C1. CONCRETE PROPERTY REQUIREMENTS [a,b]

ELEMENT TYPE	LOC[c]	EXPOSURE CLASSES[d]	MAX w/cm[e]	MIN f'c (PSI)[f]	AGE (DAYS)	CEMENT TYPE[g]	MAX AGGR SIZE (IN)	OTHER REQUIREMENTS
TYPICAL, UNO	INT	F0/S0/W0/C0	0.45	4,000	28	I/II	0.75	
	EXT	F0/S1/W1/C1	0.45	4,000	28	I/II	0.75	0.30% MAX CHLORIDE ION CONTENT
SHOPS SLAB-ON-GROUND	INT	F0/S0/W0/C0	0.45	5,000	28	I/II	0.75	

TABLE C1 NOTES :
a. PROVIDE NORMAL WEIGHT CONCRETE UNLESS NOTED OTHERWISE.
b. PROVIDE AGGREGATES CONFORMING TO ASTM C33.
c. EXTERIOR ELEMENTS ARE EXPOSED TO WEATHER. ELEMENTS WITHIN A BUILDING ENVELOPE OR PROTECTED BY WATERPROOF MEMBRANES (INCLUDING TWO COATS OF EXTERIOR GRADE PAINT) ARE NOT CONSIDERED EXPOSED TO WEATHER.
d. SEE ACI 318 TABLE 19.3.1.1 FOR EXPOSURE CLASS DEFINITIONS.
e. w/cm = WATER/CEMENTITIOUS MATERIALS RATIO.
f. f'c = COMPRESSIVE STRENGTH AT AGE INDICATED.
g. ASTM C150 CEMENT TYPES ARE INDICATED. ASTM C595 OR C1157 TYPES MS AND HS MAY BE SUBSTITUTED FOR TYPE II AND TYPE V.

REINFORCING STEEL

1. MATERIALS:
   A. DEFORMED BARS — ASTM A615, GR 60 UNO
   B. DEFORMED BARS TO BE WELDED — ASTM A706, GR 60
   C. SPIRALS, WELDED WIRE REINFORCING MATS — ASTM A1064, GR 65 UNO [SPIRALS GR 75]
   D. WIRE JOINT REINFORCING — ASTM A951

2. PROVIDE THE FOLLOWING CONCRETE COVER FOR REINFORCEMENT IN CAST-IN-PLACE CONCRETE UNLESS NOTED OTHERWISE:
   A. CAST AGAINST GROUND — 3"
   B. EXPOSED TO WEATHER OR GROUND CONTACT:
      #6 & LARGER — 2"
      #5 & SMALLER — 1-1/2"
   C. NOT EXPOSED TO WEATHER OR GROUND CONTACT:
      BEAMS, COLUMNS, PEDESTALS, TENSION TIES — 1-1/2"
      #14 & LARGER IN SLABS, JOISTS, & WALLS — 1-1/2"
      #11 & SMALLER IN SLABS, JOISTS, & WALLS — 1"

3. DO NOT WELD REINFORCING UNLESS APPROVED BY THE CONSTRUCTION ENGINEER.

4. SPLICE REINFORCING ONLY WHERE INDICATED ON APPROVED SHOP DRAWINGS OR AS APPROVED BY THE CONSTRUCTION ENGINEER.

5. PROVIDE LAP-SPLICED FOUNDATION DOWELS OF THE SAME SIZE AND QUANTITY AS VERTICAL COLUMN OR WALL REINFORCING. PROVIDE LAP-SPLICED CORNER BARS TO MATCH HORIZONTAL REINFORCEMENT IN WALLS, FOOTINGS, CURBS, ETC.

6. PROVIDE REINFORCEMENT SUPPORTS IN ACCORDANCE WITH THE CRSI MANUAL OF STANDARD PRACTICE AND THE FOLLOWING:
   A. UNCOATED REINFORCEMENT — CLASS 1 WIRE OR COMPOSITE
   B. EPOXY COATED REINFORCEMENT — CLASS 1A WIRE OR COMPOSITE
   C. REINFORCEMENT IN SLAB-ON-GRADE — PRECAST CONCRETE

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
STRUCTURAL GENERAL NOTES - 1

JASON H. EMOTO — LICENSED PROFESSIONAL ENGINEER — No. 11168-S — HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

MOFFATT & NICHOL

DESIGNED BY:	JE
DRAWN BY:	SN
CHECKED BY:	PW
DATE:	
SCALE:	AS NOTED

JOB NUMBER: P10981

SHEET: S-001
64 OF 273 SHTS

100% SUBMITTAL - SEPTEMBER 2026

STRUCTURAL GENERAL NOTES

STRUCTURAL STEEL

1. TYPICAL STEEL MATERIALS:

A.	WIDE FLANGES, WT TEES, CHANNELS	ASTM A992
B.	ANGLES	ASTM A36
C.	HOLLOW STRUCTURAL SECTIONS - RECTANGULAR	ASTM A500, GR C, 50 KSI YIELD
D.	HOLLOW STRUCTURAL SECTIONS - ROUND	ASTM A500, GR C, 46 KSI YIELD
E.	PIPES	ASTM A53, GR B, 35 KSI YIELD
F.	PLATES, BARS	ASTM A36 UNO (ASTM A572, GR 50 AS INDICATED)
G.	HIGH-STRENGTH BOLTS (STEEL-TO-STEEL CONNECTIONS)	ASTM F3125, GR A325 OR F1852 UNO (GR A490 OR F2280 AS INDICATED)
H.	COMMON BOLTS (STEEL-TO-OTHER MATERIALS)	ASTM A307, GR A
H.	NUTS	ASTM A563
I.	WASHERS - HARDENED	ASTM F436
J.	WASHERS - DIRECT TENSION INDICATOR	ASTM F959
K.	ANCHOR RODS	ASTM F1554, GR 55 UNO (GR 105 AS INDICATED)
L.	THREADED RODS	ASTM A36 UNO (ASTM A193 GR B7 AS INDICATED)
M.	HEADED STUD ANCHORS	ASTM A108, TYPE B
N.	WELDING ELECTRODES	AWS D1.1, E70XX

2. HOT-DIP GALVANIZE ALL STRUCTURAL STEEL, INCLUDING FASTENERS AND HARDWARE, THAT IS EXPOSED TO EXTERIOR ATMOSPHERE OR IS EMBEDDED IN CONCRETE OR MASONRY IN CONTACT WITH SOIL OR WEATHER.

3. EXCEPT WHERE SNUG-TIGHT OR FINGER-TIGHT IS INDICATED, PROVIDE EITHER COMPRESSIBLE DIRECT TENSION INDICATOR WASHERS OR TWIST-OFF-TYPE TENSION-CONTROL BOLTS AND FULLY PRETENSION ALL BOLTED STEEL-TO-STEEL CONNECTIONS.

4. BOLTED CONNECTIONS ARE DESIGNED AS BEARING-TYPE CONNECTIONS EXCEPT WHERE SLIP-CRITICAL IS INDICATED.

5. EXCEPT WHERE FIELD WELD SYMBOLS ARE SHOWN, CONTRACTOR IS RESPONSIBLE FOR DETERMINING USE OF SHOP OR FIELD WELDING.

6. WHERE DISSIMILAR METALS ARE IN CONTACT, SEPARATE SURFACES WITH A DIELECTRIC MATERIAL WITH A MINIMUM RATED DIELECTRIC STRENGTH OF 450 V/MIL PER ASTM D149.

COLD-FORMED STEEL

1. MATERIALS:

A.	16 GA (54 MIL) AND THICKER	ASTM A1003, GR ST50H
B.	18 GA (43 MIL) AND THINNER	ASTM A1003, GR ST33H
C.	GALVANIZED COATING	G60

2. MEMBER SIZES ARE IN ACCORDANCE WITH STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA) STANDARD DESIGNATIONS.

3. PROVIDE LOW-PROFILE HEAD SCREWS FOR CONNECTIONS ARE IN CONTACT WITH FINISH MATERIAL PANELS.

4. INTERCONNECT BUILT-UP MEMBERS WITH A MINIMUM OF (2) #10 SCREWS AT 12" SPACING AT EACH CONTACT SURFACE.

STEEL DECK

1. MATERIALS:
   A. DECK AND ACCESORIES ASTM A653 OR A1063, 33 KSI MIN YIELD, G90 COATING

2. DECK MUST HAVE A CURRENT INTERNATIONAL CODE COUNCIL EVALUATION REPORT.

3. PROVIDE 2 INCHES MINIMUM BEARING AT ALL SUPPORTS.

4. PROVIDE ALL CLOSURES AS REQUIRED TO COMPLETE THE WORK AND MAKE WATERTIGHT.

GEOTECHNICAL

1. FOUNDATION DESIGN IS IN ACCORDANCE WITH THE GEOTECHNICAL REPORT BY GEOLABS, INC., DATED JULY 9, 2025.

2. GEOTECHNICAL DESIGN CRITERIA:

A.	ALLOWABLE BEARING PRESSURE	2,500 PSF (1/3 INCREASE FOR TRANSIENT LOADS)
B.	SUBGRADE MODULUS	200 PCI
C.	FRICTION COEFFICIENT	0.35
D.	PASSIVE PRESSURE [COEFFICIENT]	350 PSF/FT
E.	ACTIVE PRESSURE, UNRESTRAINED, LEVEL BACKFILL	40 PSF/FT HORIZ
F.	AT-REST PRESSURE, RESTRAINED, LEVEL BACKFILL	60 PSF/FT HORIZ

3. PROVIDE 15 MIL THICK VAPOR BARRIER DIRECTLY BELOW ALL INTERIOR SLABS-ON-GRADE. PROVIDE A LAYER OF ASTM C33, NO. 67 GRADATION GRAVEL BELOW VAPOR BARRIER, 4-INCH THICK AT ADMIN, 6-INCH THICK AT SHOPS.

4. FILL MATERIAL BELOW SLABS AND FOUNDATIONS MUST BE NON-EXPANSIVE GRANULAR MATERIAL SUCH AS CRUSHED CORAL OR BASALT. FILL MATERIAL MUST BE WELL GRADED WITH PARTICLES NO LARGER THAN 3 INCHES IN LARGEST DIMENSION. FILL MATERIAL MUST HAVE A CALIFORNIA BEARING RATIO VALUE OF 20 OR HIGHER AND A SWELL POTENTIAL OF 1 PERCENT OR LESS PER ASTM D1883. FILL MATERIAL MUST CONTAIN BETWEEN 10 AND 30 PERCENT PASSING THE NO. 200 SIEVE. WHERE GROUNDWATER IS ENCOUNTERED, FILL MATERIAL MUST CONSITS OF FREE-DRAINING GRANULAR MATERIAL SUCH AS ASTM C33, NO. 4 GRADATION OR NO. 67 GRADATION, WRAPPED ON ALL SIDES WITH NON-WOVEN FILTER FABRIC UP TO A LEVEL 12 INCHES ABOVE GROUNDWATER.

5. FILLS MUST BE PLACED IN LEVEL LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS, MOISTURE CONDITIONED TO ABOVE THE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO A MINIMUM OF 95 PERCENT RELATIVE COMPACTION PER ASTM D1557. OPTIMUM MOITURE IS THE WATER CONTENT PERCENTAGE BY WEIGHT CORRESPONDING TO THE MAXIMUM DRY DENSITY. COMPACTION MUST BE ACCOMPLISHED BY SHEEPSFOOT ROLLERS OR VIBRATORY ROLLERS. WATER TAMPING, JETTING, OR PONDING IS NOT ALLOWED TO COMPACT THE FILL.

DELEGATED DESIGN

1. DELEGATED DESIGN DRAWINGS AND CALCULATIONS MUST BE STAMPED BY A STRUCTURAL ENGINEER LICENSED IN HAWAII. SUBMIT DIAGRAMS SHOWING LOCATIONS, DIRECTIONS, MAGNITUDES, AND LOAD CASES OF ALL REACTIONS APPLIED TO THE PRIMARY STRUCTURE. DESIGN MUST CONSIDER HANDLING, TRANSPORTATION, AND ERECTION METHODS AND LOADS AS APPLICABLE.

2. DELEGATED ITEMS, INCLUDING BUT NOT LIMITED TO:
   A. CRANES
   B. COLD-FORMED STEEL FRAMING NOT DETAILED ON DRAWINGS
   C. METAL STAIRS, LADDERS, GUARDRAILS
   D. NON-LOAD BEARING EXTERIOR WALL AND WINDOW SYSTEMS
   E. PREFABRICATED METAL BUILDING SYSTEMS AND CANOPIES (ALL SUPERSTRUCTURE ELEMENTS EXCEPT CMU WALLS)
   F. ROLL-UP OR SECTIONAL DOORS AND TRACKS
   G. SUPPORTS AND SEISMIC BRACING FOR NONSTRUCTURAL COMPONENTS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, PLUMBING, ETC.)
   H. IMPACT-RESISTANT GLAZING OR IMPACT-RESISTANT COVERINGS AND ATTACHMENTS

3. PROVIDE ALL ACCESSORIES, BRACING, CONNECTIONS, AND OTHER ITEMS NECESSARY FOR A COMPLETE AND USEABLE SYSTEM.

4. ROLL-UP OR SECTIONAL DOORS MUST BE PRESSURE TESTED FOR COMPONENT AND CLADDING DESIGN WIND PRESSURE AND SHOWN TO PASS IN ACCORDANCE WITH ANSI/DASMA 108, STANDARD METHOD FOR TESTING SECTIONAL GARAGE DOORS, ROLLING DOORS AND FLEXIBLE DOORS.

STRUCTURAL OBSERVATION

1. STRUCTURAL OBSERVATION IS REQUIRED IN ACCORDANCE WITH IBC 1704.6.

2. STRUCTURAL OBSERVATION MUST BE PERFORMED BY A REGISTERED DESIGN PROFESSIONAL AUTHORIZED BY THE CONSTRUCTION ENGINEER AND THE AUTHORITY HAVING JURISDICTION. STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE REQUIREMENTS FOR INSPECTIONS OR SPECIAL INSPECTIONS.

3. COORDINATE SCHEDULING OF STRUCTURAL OBSERVATION WITH THE CONSTRUCTION ENGINEER FOR THE FOLLOWING PHASES OF CONSTRUCTION:
   A. FOUNDATIONS - AFTER REINFORCEMENT HAS BEEN PLACED AND BEFORE CONCRETE PLACEMENT
   B. MASONRY - AFTER REINFORCEMENT HAS BEEN PLACED AND BEFORE GROUT PLACEMENT
   C. STEEL ERECTION - AT 25% COMPLETION OF STEEL FRAMING

SPECIAL INSPECTION AND TESTING

1. SPECIAL INSPECTION AND TESTING IS REQUIRED IN ACCORDANCE WITH IBC 1705 FOR THE ITEMS LISTED.

2. THE CONSTRUCTION OR WORK FOR WHICH SPECIAL INSPECTION OR TESTING IS REQUIRED MUST REMAIN ACCESSIBLE AND EXPOSED UNTIL COMPLETION OF THE SPECIAL INSPECTION OR TESTING.

3. DEFINITIONS:
   A. SPECIAL INSPECTOR - AGENT(S) AUTHORIZED BY THE CONSTRUCTION ENGINEER TO PROVIDE SPECIAL INSPECTIONS AND TESTING
   B. CONTINUOUS INSPECTION - OBSERVATION OF WORK AT ALL TIMES WORK IS PERFORMED
   C. PERIODIC INSPECTION - OBSERVATION OF WORK AT INTERVALS DETERMINED BY THE SPECIAL INSPECTOR REQUIRED TO CONFIRM COMPLIANCE
   D. OBSERVE (STEEL) - INSPECTOR MUST OBSERVE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING INSPECTION.
   E. PERFORM (STEEL) - TASKS MUST BE PERFORMED FOR EACH CONNECTION OR MEMBER

4. PREFABRICATED ITEMS: SPECIAL INSPECTION MUST BE PERFORMED DURING FABRICATION, EXCEPT WHERE THE FABRICATOR HAS BEEN CERTIFIED TO PERFORM WORK WITHOUT SPECIAL INSPECTIONS. CERTIFICATION MUST BE BY AN INDUSTRY STANDARD ORGANIZATION (AISC, PCI, ETC.). AT THE COMPLETION OF FABRICATION, THE APPROVED FABRICATOR MUST SUBMIT A CERTIFICATE OF COMPLIANCE STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

5. STRUCTURAL STEEL: PERFORM SPECIAL INSPECTION IN ACCORDANCE WITH TABLES SS1 THROUGH SS7. PERFORM TESTING AS FOLLOWS:
   A. ULTRASONIC TESTING (UT) MUST BE IN ACCORDANCE WITH AWS D1.1.
   B. IN RISK CATEGORY III OR IV, UT MUST BE PERFORMED ON ALL COMPLETE-JOINT-PENETRATION GROOVE WELDS IN MATERIAL 5/16" (8 MM) THICK OR GREATER.
   C. IN RISK CATEGORY II, UT MUST BE PERFORMED ON 10% OF COMPLETE-JOINT-PENETRATION GROOVE WELDS IN MATERIAL 5/16" (8 MM) THICK OR GREATER, INCREASE TESTING RATE TO 100% FOR INDIVIDUAL WELDERS IF THE REJECTION RATE EXCEEDS 5%.

6. COLD-FORMED STEEL DECK: PERFORM SPECIAL INSPECTION IN ACCORDANCE WITH TABLES SD1 THROUGH SD8.

7. COLD-FORMED STEEL TRUSSES: WHERE A COLD-FORMED STEEL TRUSS CLEAR SPAN IS 60 FEET OR GREATER, THE SPECIAL INSPECTOR MUST VERIFY THAT THE TEMPORARY INSTALLATION RESTRAINT/BRACING AND THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING ARE INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE.

8. CONCRETE CONSTRUCTION: PERFORM SPECIAL INSPECTION AND TESTS IN ACCORDANCE WITH TABLE C2, EXCEPT FOR:
   A. ISOLATED SPREAD CONCRETE FOOTINGS OF BUILDINGS THREE STORIES OR LESS ABOVE GRADE PLAN THAT ARE FULLY SUPPORTED ON EARTH OR ROCK.
   B. CONTINUOUS CONCRETE FOOTINGS SUPPORTING LIGHT-FRAME CONSTRUCTION WALLS OF BUILDINGS THREE STORIES OR LESS ABOVE GRADE PLANE THAT ARE FULLY SUPPORTED ON EARTH OR ROCK.
   C. NONSTRUCTURAL, NONPRESTRESSED CONCRETE SLABS SUPPORTED DIRECTLY ON THE GROUND.

9. WELDING OF REINFORCING BARS: SPECIAL INSPECTIONS OF WELDING AND QUALIFICATIONS OF SPECIAL INSPECTORS MUST BE IN ACCORDANCE WITH AWS D1.4.

10. MASONRY: FOR RISK CATEGORIES I, II, OR III, PERFORM SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH TABLE M, LEVEL 2. FOR RISK CATEGORY IV, PERFORM SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH TABLE M, LEVEL 3.

11. SOILS: SPECIAL INSPECTION AND TESTS OF SITE SOIL CONDITIONS, FILL PLACEMENT, AND LOAD-BEARING REQUIREMENTS MUST BE PERFORMED IN ACCORDANCE WITH TABLE F1. THE APPROVED GEOTECHNICAL REPORT MUST BE USED TO DETERMINE COMPLIANCE.

12. WIND AND SEISMIC RESISTANCE: SPECIAL INSPECTION FOR WIND RESISTANCE IS REQUIRED FOR STRUCTURES IN WIND EXPOSURE CATEGORY B WHERE THE BASIC WIND SPEED, V, IS 155 MPH OR GREATER AND FOR STRUCTURES IN WIND EXPOSURE CATEGORY C OR D WHERE THE BASIC WIND SPEED, V, IS 142 MPH OR GREATER. SPECIAL INSPECTION FOR SEISMIC RESISTANCE IS REQUIRED FOR STRUCTURES IN SEISMIC DESIGN CATEGORIES C, D, E, OR F. PERFORM THE FOLLOWING:
   A. STRUCTURAL WOOD: CONTINUOUS SPECIAL INSPECTION IS REQUIRED FOR FIELD GLUING OPERATIONS OF ELEMENTS OF THE LATERAL FORCE-RESISTING SYSTEM. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR NAILING, BOLTING, ANCHORING, AND OTHER FASTENING OF ELEMENTS OF THE LATERAL FORCE-RESISTING SYSTEM, INCLUDING SHEAR WALLS, DIAPHRAGMS, DRAG STRUTS, BRACES, AND HOLD-DOWNS EXCEPT WHERE THE SPECIFIED FASTENER SPACING AT PANEL EDGES IS MORE THAN 4 INCHES ON CENTER.
   B. COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION: PERIODIC SPECIAL INSPECTION IS REQUIRED FOR WELDING OPERATIONS OF THE LATERAL FORCE-RESISTING SYSTEM. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR SCREW ATTACHMENT, BOLTING, ANCHORING, AND OTHER FASTENING OF ELEMENTS OF THE LATERAL FORCE-RESISTING SYSTEM INCLUDING SHEAR WALLS, BRACES, DIAPHRAGMS, COLLECTORS, AND HOLD-DOWNS EXCEPT WHERE SHEATHING IS APPLIED TO ONLY ONE-SIDE OF THE FRAMING WITH FASTENER SPACING MORE THAN 4 INCHES ON CENTER.
   C. WIND-RESISTING COMPONENTS: PERIODIC SPECIAL INSPECTION IS REQUIRED FOR FASTENING OF ROOF COVERING, ROOF DECK, ROOF FRAMING CONNECTIONS, EXTERIOR WALL COVERING, AND WALL CONNECTIONS TO ROOF AND FLOOR FRAMING.

13. NONSTRUCTURAL COMPONENTS: SEE ARCHITECTURAL, ELECTRICAL, FIRE PROTECTION, MECHANICAL, AND PLUMBING DRAWINGS AND/OR SPECIFICATIONS FOR SPECIAL INSPECTION REQUIREMENTS.

TABLE SS1. REQUIRED SPECIAL INSPECTIONS OF STEEL CONSTRUCTION
INSPECTION TASKS PRIOR TO WELDING

TASK	PERFORM	OBSERVE
1. WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS.		X
2. WELDING PROCEDURE SPECIFICATION AVAILABLE.	X	
3. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLE AVAILABLE.	X	
4. MATERIAL IDENTIFICATION (TYPE/GRADE).		X
5. WELDER IDENTIFICATION SYSTEM.		X
6. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY): JOINT PREPARATIONS, DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL), CLEANLINESS (CONDITION OF STEEL SURFACES), TACKING (TACK WELD QUALITY AND LOCATION), BACKING TYPE AND FIT (IF APPLICABLE).		X
7. FIT-UP OF CJP WELDS OF HSS JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY): JOINT PREPARATIONS, DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL), CLEANLINESS (CONDITION OF STEEL SURFACES), TACKING (TACK WELD QUALITY AND LOCATION).		X
8. CONFIGURATION AND FINISH OF ACCESS HOLES.		X
9. FIT-UP OF FILLET WELDS: DIMENSIONS (ALIGNMENT, GAPS AT ROOT), CLEANLINESS (CONDITION OF STEEL SURFACES), TACKING (TACK WELD QUALITY AND LOCATION).		X
10. CHECK WELDING EQUIPMENT.		X

TABLE SS2. REQUIRED SPECIAL INSPECTIONS OF STEEL CONSTRUCTION
INSPECTION TASKS DURING WELDING

TASK	PERFORM	OBSERVE
1. CONTROL AND HANDLING OF WELDING CONSUMABLES: PACKAGING, EXPOSURE CONTROL.		X
2. NO WELDING OVER CRACKED TACK WELDS.		X
3. ENVIRONMENTAL CONDITIONS: WIND SPEED WITHIN LIMITS, PRECIPITATION & TEMPERATURE.		X
4. WELDING PROCEDURE SPECIFICATION FOLLOWED: SETTINGS ON WELDING EQUIPMENT, TRAVEL SPEED, SELECTED WELDING MATERIALS, SHILDING GAS TYPE/FLOW RATE, PREHEAT APPLIED, INTERPASS TEMPERATURE MAINTAINED (MIN/MAX), PROPER POSITION.		X
5. WELDING TECHNIQUES: INTERPASS AND FINAL CLEANING, EACH PASS WITHIN PROFILE LIMITATIONS, EACH PASS MEETS QUALITY REQUIREMENTS.		X
6. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS.	X	

TABLE SS3. REQUIRED SPECIAL INSPECTIONS OF STEEL CONSTRUCTION
INSPECTION TASKS AFTER WELDING

TASK	PERFORM	OBSERVE
1. WELDS CLEANED.		X
2. SIZE, LENGTH, AND LOCATION OF WELDS.	X	
3. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION, WELD/BASE-METAL FUSION, CRATER CROSS SECTION, WELD PROFILES, WELD SIZE, UNDERCUT, POROSITY.	X	
4. ARC STRIKES.	X	
5. k-AREA (WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES, OR STIFFENERS HAS BEEN PERFORMED IN THE k-AREA, VISUALLY INSPECT THE WEB k-AREA FOR CRACKS WITHIN 3" (75 MM) OF THE WELD).	X	
6. WELD ACCESS HOLES IN ROLLED AND BUILT-UP HEAVY SHAPES (VISUALLY INSPECT THE WELD ACCESS HOLES FOR CRACKS).	X	
7. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED).	X	
8. REPAIR ACTIVITIES.	X	
9. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER.	X	
10. NO PROHIBITED WELDS ADDED WITHOUT THE APPROVAL OF THE [CONTRACTING OFFICER].		X

TABLE SS4. REQUIRED SPECIAL INSPECTIONS OF STEEL CONSTRUCTION
INSPECTION TASKS PRIOR TO BOLTING

TASK	PERFORM	OBSERVE
1. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS.	X	
2. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS.		X
3. CORRECT FASTENERS SELECTED FOR THE JOINT DETAILS (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE).		X
4. CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL.		X
5. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS.		X
6. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED.		X
7. PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS.		X

TABLE SS5. REQUIRED SPECIAL INSPECTIONS OF STEEL CONSTRUCTION
INSPECTION TASKS DURING BOLTING

TASK	PERFORM	OBSERVE
1. FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED.		X
2. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION.		X
3. FASTENER COMPONENTS NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING.		X
4. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES.		X

TABLE SS6. REQUIRED SPECIAL INSPECTIONS OF STEEL CONSTRUCTION
INSPECTION TASKS AFTER BOLTING

TASK	PERFORM	OBSERVE
1. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	X	

TABLE SS7. REQUIRED SPECIAL INSPECTIONS OF STEEL CONSTRUCTION
OTHER INSPECTION TASKS

TASK	PERFORM	OBSERVE
1. INSPECT CUT SURFACES ALL GALVANIZED STEEL AND EXPOSED CORNERS OF GALVANIZED RECTANGULAR HSS FOR CRACKS.		X
2. INSPECT DETAILS OF ANCHORS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL PRIOR TO CONCRETE PLACEMENT.		X
3. INSPECT STEEL FRAMING TO VERIFY COMPLIANCE WITH DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS.		X
4. INSPECT CORRECT APPLICATION OF JOINT DETAILS.		X

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THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

MOFFATT & NICHOL

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
STRUCTURAL GENERAL NOTES - 2

DESIGNED BY:	JE
DRAWN BY:	SN
CHECKED BY:	PW
DATE:	
SCALE:	AS NOTED

JOB NUMBER: P10981

SHEET: S-002
65 OF 273 SHTS

100% SUBMITTAL - SEPTEMBER 2026

STRUCTURAL GENERAL NOTES

TABLE SD1. REQUIRED SPECIAL INSPECTIONS OF STEEL DECK INSPECTION TASKS PRIOR TO DECK PLACEMENT		
TASK	PERFORM	OBSERVE
1. VERIFY COMPLIANCE OF MATERIALS (DECK AND ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS.	X	
2. DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND ACCESSORIES.	X	

TABLE SD2. REQUIRED SPECIAL INSPECTIONS OF STEEL DECK INSPECTION TASKS AFTER DECK PLACEMENT		
TASK	PERFORM	OBSERVE
1. VERIFY COMPLIANCE OF DECK AND ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS.	X	
2. VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS.	X	
3. DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND ACCESSORIES.	X	

TABLE SD3. REQUIRED SPECIAL INSPECTIONS OF STEEL DECK INSPECTION TASKS PRIOR TO WELDING		
TASK	PERFORM	OBSERVE
1. WELDING PROCEDURE SPECIFICATIONS AVAILABLE.		X
2. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.		X
3. MATERIAL IDENTIFICATION (TYPE/GRADE).		X
4. CHECK WELDING EQUIPMENT.		X

TABLE SD4. REQUIRED SPECIAL INSPECTIONS OF STEEL DECK INSPECTION TASKS DURING WELDING		
TASK	PERFORM	OBSERVE
1. USE OF QUALIFIED WELDERS.		X
2. CONTROL AND HANDLING OF WELDING CONSUMABLES.		X
3. ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE).		X
4. WELDING PROCEDURE SPECIFICATIONS FOLLOWED.		X

TABLE SD5. REQUIRED SPECIAL INSPECTIONS OF STEEL DECK INSPECTION TASKS AFTER WELDING		
TASK	PERFORM	OBSERVE
1. VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS.	X	
2. WELDS MEET VISUAL ACCEPTANCE CRITERIA.	X	
3. VERIFY REPAIR ACTIVITIES.	X	
4. DOCUMENT ACCEPTANCE OR REJECTION OF WELDS.	X	

TABLE SD6. REQUIRED SPECIAL INSPECTIONS OF STEEL DECK INSPECTION TASKS PRIOR TO MECHANICAL FASTENING		
TASK	PERFORM	OBSERVE
1. MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS.		X
2. PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION.		X
3. PROPER STORAGE FOR MECHANICAL FASTENERS.		X

TABLE SD7. REQUIRED SPECIAL INSPECTIONS OF STEEL DECK INSPECTION TASKS DURING MECHANICAL FASTENING		
TASK	PERFORM	OBSERVE
1. FASTENERS ARE POSITIONED AS REQUIRED.		X
2. FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.		X

TABLE SD8. REQUIRED SPECIAL INSPECTIONS OF STEEL DECK INSPECTION TASKS AFTER MECHANICAL FASTENING		
TASK	PERFORM	OBSERVE
1. CHECK SPACING, TYPE, AND INSTALLATION OF SUPPORT, SIDELAP, AND PERIMETER FASTENERS.	X	
2. VERIFY REPAIR ACTIVITIES.	X	
3. DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS.	X	

TABLE C2. REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION				
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD [a]	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT		X	ACI 318: CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. REINFORCING BAR WELDING: A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706. B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND C. INSPECT ALL OTHER WELDS	 X	 X X	 AWS D1.4, ACI 318: 26.6.4	
3. INSPECT ANCHORS CAST IN CONCRETE		X	ACI 318: 17.8.2	
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS: [b] A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT INCLUDED IN 4.A.	X	 X	ACI 318: 17.8.2.4, 17.8.2	
5. VERIFY USE OF REQUIRED DESIGN MIX		X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X		ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.4
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X		ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURES AND TECHNIQUES.		X	ACI 318: 26.5.3-26.5.5	1908.9
9. INSPECT PRESTRESSED CONCRETE FOR: A. APPLICATION OF PRESTRESSING FORCES; AND B. GROUTING OF BONDED PRESTRESSING TENDONS.	 X X		 ACI 318: 26.10	
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS		X	ACI 318: 17.8.2	
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		X	ACI 318: 26.11.2	
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		X	ACI 318: 26.11.1.2(b)	

a. WHERE APPLICABLE, SEE IBC SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION MUST BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES.

TABLE M. REQUIRED SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION			
TASK	FREQUENCY [a]		TMS 402 & TMS 602 REFERENCES
	LEVEL 2	LEVEL 3	
V1. VERIFY SLUMP FLOW AND VISUAL STABILITY INDEX WHEN SELF-CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE.	R	R	602: 1.5, 1.6.3
V2. VERIFY f'm FOR EVERY 5,000 SF (465 SQ M).	NR	R	602: 1.4 B
V3. VERIFY PROPORTIONS OF MATERIALS AS DELIVERED TO THE SITE FOR PREMIXED OR PREBLENDED MORTAR AND GROUT OTHER THAN SELF-CONSOLIDATING GROUT	NR	R	602: 1.4 B
1. AS CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE: A. PROPORTIONS OF SITE-PREPARED MORTAR B. GRADE, TYPE, AND SIZE OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS C. SAMPLE PANEL CONSTRUCTION (IF APPLICABLE)	 P P P	 P P C	 602: 2.1, 2.6 A, 2.6 C 602: 3.4, 3.6 A 602: 1.6 D
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE: A. GROUT SPACE B. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS C. PROPORTIONS OF SITE-PREPARED GROUT	 P P P	 C C P	 602: 3.2 D, 3.2 F 402: 6.1, 6.3.1, 6.3.6, 6.3.7; 602: 3.2 E, 3.4 602: 2.6 B, 2.4 G.1.b
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION: A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION C. SIZE AND LOCATION OF STRUCTURAL MEMBERS D. TYPE, SIZE, AND LOCATION OF ANCHORS (INCLUDING TO OTHER CONSTRUCTION) E. WELDING OF REINFORCEMENT F. COLD WEATHER OR HOT WEATHER MASONRY CONSTRUCTION G. PLACEMENT OF GROUT	 P P P P C P C	 P P P C C P C	 602: 1.5 602: 3.3 B 602: 3.3F 402: 1.2.1(e), 6.2.1, 6.3.1 402: 6.1.6.1.2 602: 1.8 C, 1.8 D 602: 3.5, 3.6 C
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	P	C	602: 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, 1.4 B.4

a. R = REQUIRED, NR = NOT REQUIRED, P = PERIODIC, C = CONTINUOUS

TABLE F1. REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS		
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.		X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF FILL.	X	
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT THE SITE HAS BEEN PREPARED PROPERLY.		X

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REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
STRUCTURAL GENERAL NOTES - 3

DESIGNED BY:	JE
DRAWN BY:	SN
CHECKED BY:	PW
DATE:	
SCALE:	AS NOTED

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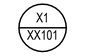
SHEET: S-003
66 OF 273 SHTS

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ABBREVIATIONS

&	AND
@	AT SPACING OF
°	DEGREE
∅	DIAMETER
#	NUMBER, POUND FORCE
%	PERCENT
(E)	EXISTING
(X)	QUANTITY = X (NUMERAL)
ACI	AMERICAN CONCRETE INSTITUTE
ACP	ASPHALTIC CONCRETE PAVING
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJACENT
AGGR	AGGREGATE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ALUM	ALUMINUM
AMT	AMOUNT
ANCH	ANCHOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX	APPROXIMATE
ARCH	ARCHITECT, ARCHITECTURAL
ASCE/SEI	AMERICAN SOCIETY OF CIVIL ENGINEERS STRUCTURAL ENGINEERING INSTITUTE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AVG	AVERAGE
AWS	AMERICAN WELDING SOCIETY
BAL	BALANCE
BLDG	BUILDING
BLW	BELOW
BM	BEAM
BOT	BOTTOM
BRC	BRACE
BRG	BEARING
BTWN	BETWEEN
BU	BUILT UP
C	STEEL CHANNEL
CANTIL	CANTILEVER
CEM	CEMENT
CG	CENTER OF GRAVITY
CHFR	CHAMFER
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CJP	COMPLETE JOINT PENETRATION
CL	CENTER LINE
CLR	CLEAR
CLSM	CONTROLLED LOW-STRENGTH MATERIAL
CMAA	CRANE MANUFACTURERS ASSOCIATION OF AMERICA
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECT, CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUE, CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
CTR	CENTER
D	DEEP, DEPTH
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLISH, DEMOLITION
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIR	DIRECTION
DIST	DISTANCE
DT	DOUBLE TEE
DWG	DRAWING
EA	EACH
EE	EACH END
EF	EACH FACE
EFF	EFFECTIVE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ENCL	ENCLOSURE
ENGR	ENGINEER
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
ETC	ET CETERA
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
F	FAHRENHEIT
FDTN	FOUNDATION
FF	FAR FACE
FFL	FINISHED FLOOR LEVEL
FIL	FILLET
FIN	FINISH
FLG	FLANGE
FLR	FLOOR
FRMG	FRAMING
FRP	FIBERGLASS-REINFORCED PLASTIC
FS	FAR SIDE
FSTN	FASTEN, FASTENER
FT	FEET, FOOT
FTG	FOOTING
GA	GAGE, GAUGE
GALV	GALVANIZED
GB	GRADE BEAM
GL	GRADE LEVEL
GRTG	GRATING
GYP	GYPSUM
H	HIGH, HEIGHT
HDR	HEADER
HORIZ	HORIZONTAL
HR	HIGH ROOF
HSA	HEADED STUD ANCHOR
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT
IBC	INTERNATIONAL BUILDING CODE
ICC	INTERNATIONAL CODE COUNCIL
ID	INSIDE DIAMETER, INSIDE DIMENSION
I.F.	INSIDE FACE
IN	INCHES
INCL	INCLUDE, INCLUDING
INT	INTERIOR
JT	JOINT
K, KIP	ONE THOUSAND POUNDS FORCE
L	LENGTH, STEEL ANGLE
LB	POUND FORCE
LLBB	LONG LEGS BACK-TO-BACK
LLH	LONG LEG HORIZONTAL
LOC	LOCATE, LOCATION
LONG	LONGITUDINAL
LR	LOW ROOF
LTWT	LIGHTWEIGHT
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MC	STEEL MISCELLANEOUS CHANNEL
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MPH	MILES PER HOUR
MTL	METAL
NEG	NEGATIVE
NF	NEAR FACE
NO	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER, OUTSIDE DIMENSION
O.F.	OUTSIDE FACE
OH	OVERHANG, OVERHEAD
OPNG	OPENING
OPH	OPPOSITE HAND
OPP	OPPOSITE
OPT	OPTION, OPTIONAL
P	STEEL PIPE
PAR	PARALLEL
PC	PIECE
PCA	PORTLAND CEMENT ASSOCIATION
PCC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PCI	PRECAST/PRESTRESSED CONCRETE INSTITUTE
PCT	PERCENT
PED	PEDESTAL
PEMB	PRE-ENGINEERED METAL BUILDING
PEN	PENETRATE, PENETRATION
PERIM	PERIMETER
PERP	PERPENDICULAR
PIL	PILASTER
PJP	PARTIAL JOINT PENETRATION
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
POS	POSITIVE
PRCST	PRECAST
PREFAB	PREFABRICATED
PRELIM	PRELIMINARY
PREP	PREPARATION, PREPARE
PS	PRESTRESSED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
QTR	QUARTER
QTY	QUANTITY
R	RADIUS
RC	REINFORCED CONCRETE
REBAR	REINFORCING STEEL BAR
REF	REFER, REFERENCE
REINF	REINFORCE, REINFORCEMENT
REM	REMAINDER
REQD	REQUIRED
RET	RETURN
RND	ROUND
RO	ROUGH OPENING
S&T	STIRRUPS AND TIES
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SLNT	SEALANT
SLV	SLEEVE
SOG	SLAB ON GRADE
SP	SPACE, SPACING
SPEC	SPECIFICATION
SQ	SQUARE
SST	STAINLESS STEEL
STD	STANDARD
STIF	STIFFENER
STIR	STIRRUP
STL	STEEL
STRUC	STRUCTURAL
SYM	SYMBOL
SYMM	SYMMETRICAL
T	THICKNESS
T.O.	TOP OF
T&B	TOP AND BOTTOM
TB	THROUGH BOLT
TEMP	TEMPERATURE, TEMPORARY
THK	THICKNESS
THRU	THROUGH
TMS	THE MASONRY SOCIETY
TRANS	TRANSVERSE
TYP	TYPICAL
UNIF	UNIFORM
UNO	UNLESS NOTED OTHERWISE
VAR	VARIES
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	WIDE, WIDTH, STEEL WIDE FLANGE
W/	WITH
W/O	WITHOUT
WJ	WALL JOINT
WP	WORK POINT
WT	WEIGHT, STEEL WIDE FLANGE TEE
WWR	WELDED WIRE REINFORCING
XS	STEEL EXTRA STRONG PIPE
XXS	STEEL DOUBLE EXTRA STRONG PIPE

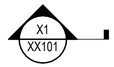
SYMBOLS



DETAIL REFERENCE



ELEVATION REFERENCE



SECTION REFERENCE



SURFACE ELEVATION CHANGE (STEP)


SURFACE SLOPE CHANGE



SLOPE DIRECTION (ARROW POINTS DOWN)


EXTENT



STEPPED FOOTING LOCATION
(X'-X" = STEP HEIGHT)


FULL WIDTH EXTENT

ONE-WAY SPAN DIRECTION


TWO-WAY SPAN DIRECTION


WORK POINT


WALL OR COLUMN ABOVE OR ABOVE & BELOW


WALL OR COLUMN BELOW


ACI STANDARD 90°, 135°, 180° HOOKS

WELDED WIRE REINFORCEMENT


OPENING


CONCRETE


GROUT


GRANULAR FILL


COMPACTED EARTH


UNDISTURBED EARTH


MASONRY


DEPRESSED SLAB


REINFORCED CONCRETE SLAB



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HARBORS

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HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

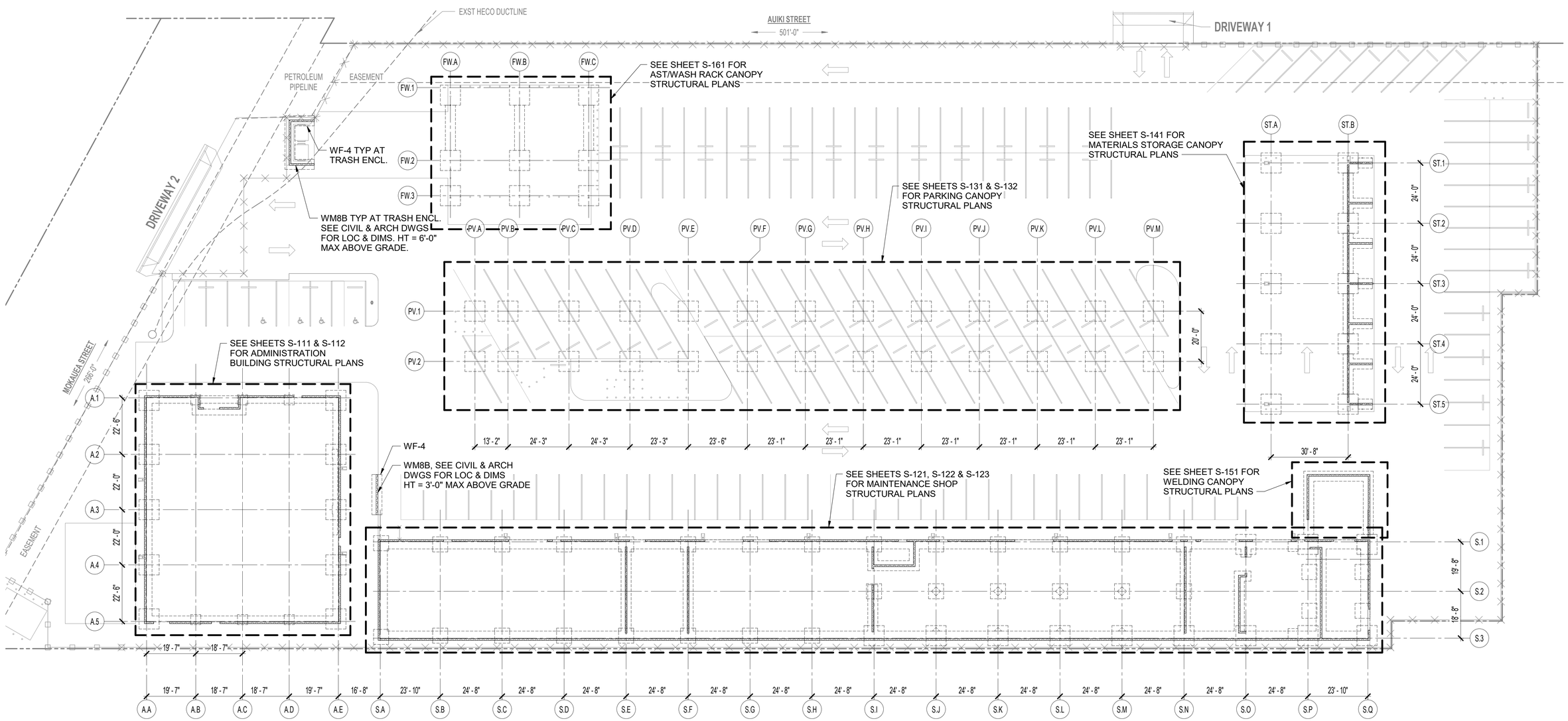
SHEET TITLE:
STRUCTURAL GENERAL NOTES - 4

DESIGNED BY:	JE
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CHECKED BY:	PW
DATE:	
SCALE:	AS NOTED

JOB NUMBER: P10981

SHEET: S-004
67 OF 273 SHTS

100% SUBMITTAL - SEPTEMBER 2026



1 SITE PLAN

1" = 20'-0"

PLAN NORTH

0 20' 40'

SCALE: 1" = 20'-0"

NOTES:

1. SEE GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, AND OTHER INFORMATION.
3. SEE CIVIL DRAWINGS FOR FINISH FLOOR ELEVATION, EXTERIOR GRADES, AND OTHER INFORMATION.
4. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR HOUSEKEEPING PADS, EQUIPMENT SUPPORTS, PENETRATIONS, SLEEVES, AND OTHER INFORMATION.
5. CENTER FOOTINGS BELOW WALLS AND COLUMNS UNLESS NOTED OTHERWISE.
6. TOP OF FOOTING ELEVATION = 1'-4" BELOW FINISH FLOOR ELEVATION UNLESS NOTED OTHERWISE.
7. SUPERSTRUCTURE SHOWN IS CONCEPTUAL ONLY, PROVIDE COMPLETE METAL BUILDING SYSTEM PER MANUFACTURER.
8. FOUNDATION SIZES SHOWN ARE PRELIMINARY AND MAY BE REVISED AS REQUIRED FOR MANUFACTURER'S REACTIONS.
9. SLAB-ON-GROUND REINFORCEMENT WITHIN 3'-0" EACH SIDE OF RIGID FRAME GRID LINES IS A TENSION TIE. DO NOT TRENCH SLAB OR CUT REINFORCEMENT WITHOUT APPROVAL.

LEGEND:

WF-4	WALL FOOTING, SEE FOOTING SCHEDULE
WM-8A	8" SOLID-GROUTED CMU WALL WITH #5 @ 16" OC EW CTR
WM-8B	8" SOLID-GROUTED CMU WALL WITH #5 @ 24" OC VERT CTR, #5 @ 16" OC HORIZ CTR

FOOTING SCHEDULE

MARK	WIDTH	LENGTH	THICKNESS	TRANVERSE REINFORCEMENT	LONGITUDINAL REINFORCEMENT
CF-4	4'-0"	4'-0"	1'-4"	(5) #5 T&B	(5) #5 T&B
CF-6	6'-0"	6'-0"	1'-4"	(7) #5 T&B	(7) #5 T&B
CF-8	8'-0"	8'-0"	2'-0"	(10) #6 T&B	(10) #6 T&B
GB-3	3'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT
GB-4	4'-0"	CONT	2'-0"	#5 HOOPS @ 10" OC	(5) #6 T&B CONT
WF-4	4'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT

NOTES:

1. TRANSVERSE REINFORCEMENT IS IN DIRECTION OF FOOTING WIDTH, LONGITUDINAL REINFORCEMENT IS IN DIRECTION OF FOOTING LENGTH.

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REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
SITE PLAN

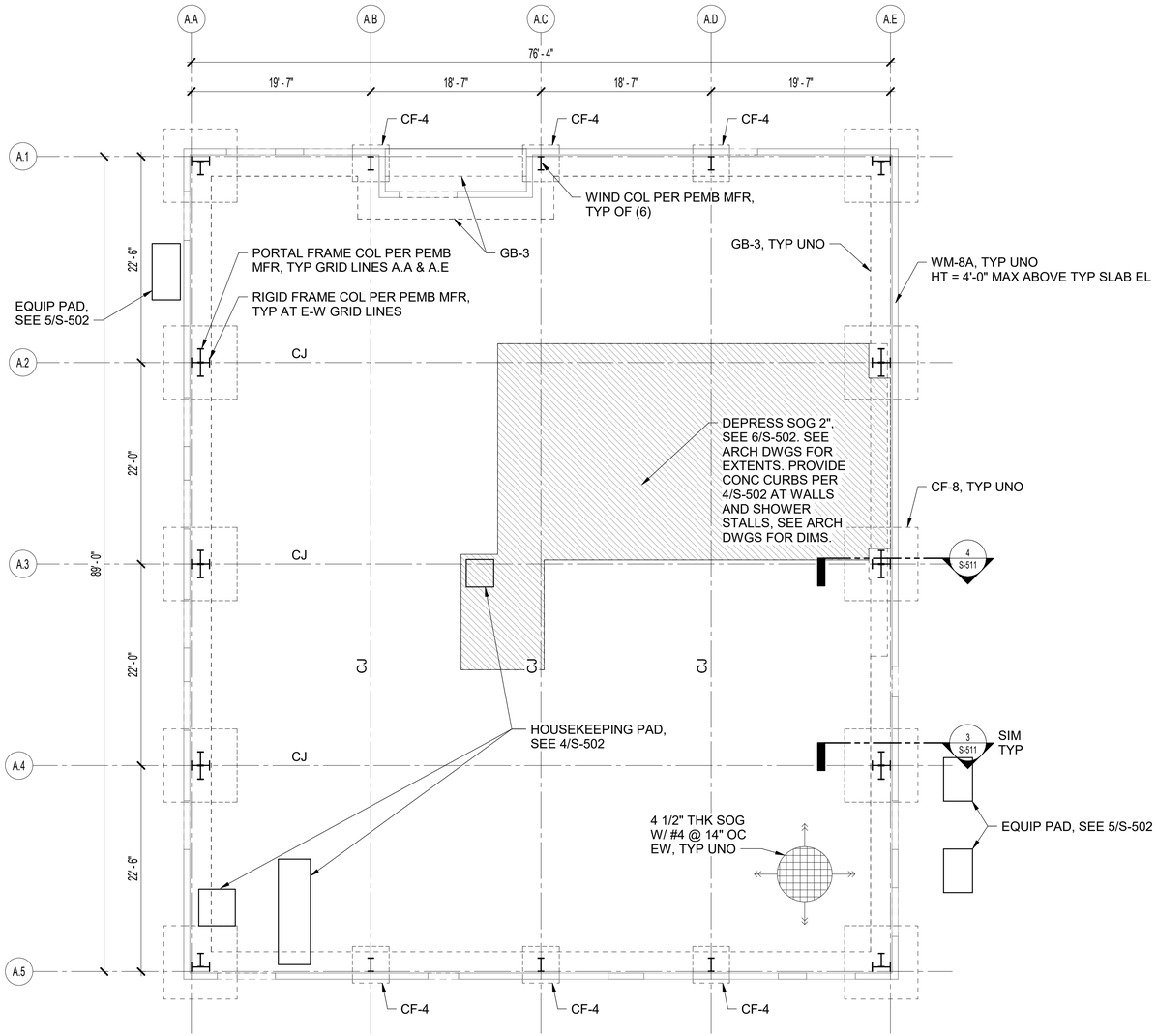
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SCALE:	AS NOTED

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SHEET: S-101

68 OF 273 SHTS

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1 FOUNDATION PLAN - ADMINISTRATION
1/8" = 1'-0"

NOTES:

1. SEE GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, AND OTHER INFORMATION.
3. SEE CIVIL DRAWINGS FOR FINISH FLOOR ELEVATION, EXTERIOR GRADES, AND OTHER INFORMATION.
4. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR HOUSEKEEPING PADS, EQUIPMENT SUPPORTS, PENETRATIONS, SLEEVES, AND OTHER INFORMATION.
5. CENTER FOOTINGS BELOW WALLS AND COLUMNS UNLESS NOTED OTHERWISE.
6. TOP OF FOOTING ELEVATION = 1'-4" BELOW FINISH FLOOR ELEVATION UNLESS NOTED OTHERWISE.
7. SUPERSTRUCTURE SHOWN IS CONCEPTUAL ONLY. PROVIDE COMPLETE METAL BUILDING SYSTEM PER MANUFACTURER.
8. FOUNDATION SIZES SHOWN ARE PRELIMINARY AND MAY BE REVISED AS REQUIRED FOR MANUFACTURER'S REACTIONS.
9. SLAB-ON-GROUND REINFORCEMENT WITHIN 3'-0" EACH SIDE OF RIGID FRAME GRID LINES IS A TENSION TIE. DO NOT TRENCH SLAB OR CUT REINFORCEMENT WITHOUT APPROVAL.

LEGEND:

CJ	SOG CONTROL JOINT
H □	STEEL COLUMN PER PEMB MFR ABOVE
CF-8	COLUMN FOOTING, SEE FOOTING SCHEDULE
GB-3	GRADE BEAM, SEE FOOTING SCHEDULE
WF-4	WALL FOOTING, SEE FOOTING SCHEDULE
WM-8A	8" SOLID-GROUTED CMU WALL WITH #5 @ 16" OC EW CTR
WM-8B	8" SOLID-GROUTED CMU WALL WITH #5 @ 24" OC VERT CTR, #5 @ 16" OC HORIZ CTR

FOOTING SCHEDULE

MARK	WIDTH	LENGTH	THICKNESS	TRANVERSE REINFORCEMENT	LONGITUDINAL REINFORCEMENT
CF-4	4'-0"	4'-0"	1'-4"	(5) #5 T&B	(5) #5 T&B
CF-6	6'-0"	6'-0"	1'-4"	(7) #5 T&B	(7) #5 T&B
CF-8	8'-0"	8'-0"	2'-0"	(10) #6 T&B	(10) #6 T&B
GB-3	3'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT
GB-4	4'-0"	CONT	2'-0"	#5 HOOPS @ 10" OC	(5) #6 T&B CONT
WF-4	4'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT

NOTES:

1. TRANSVERSE REINFORCEMENT IS IN DIRECTION OF FOOTING WIDTH, LONGITUDINAL REINFORCEMENT IS IN DIRECTION OF FOOTING LENGTH.

PLAN NORTH

0 4' 8' 16'

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

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DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
FOUNDATION PLAN - ADMINISTRATION

DESIGNED BY:	JE
DRAWN BY:	SN
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SHEET: S-111

69 OF 273 SHTS

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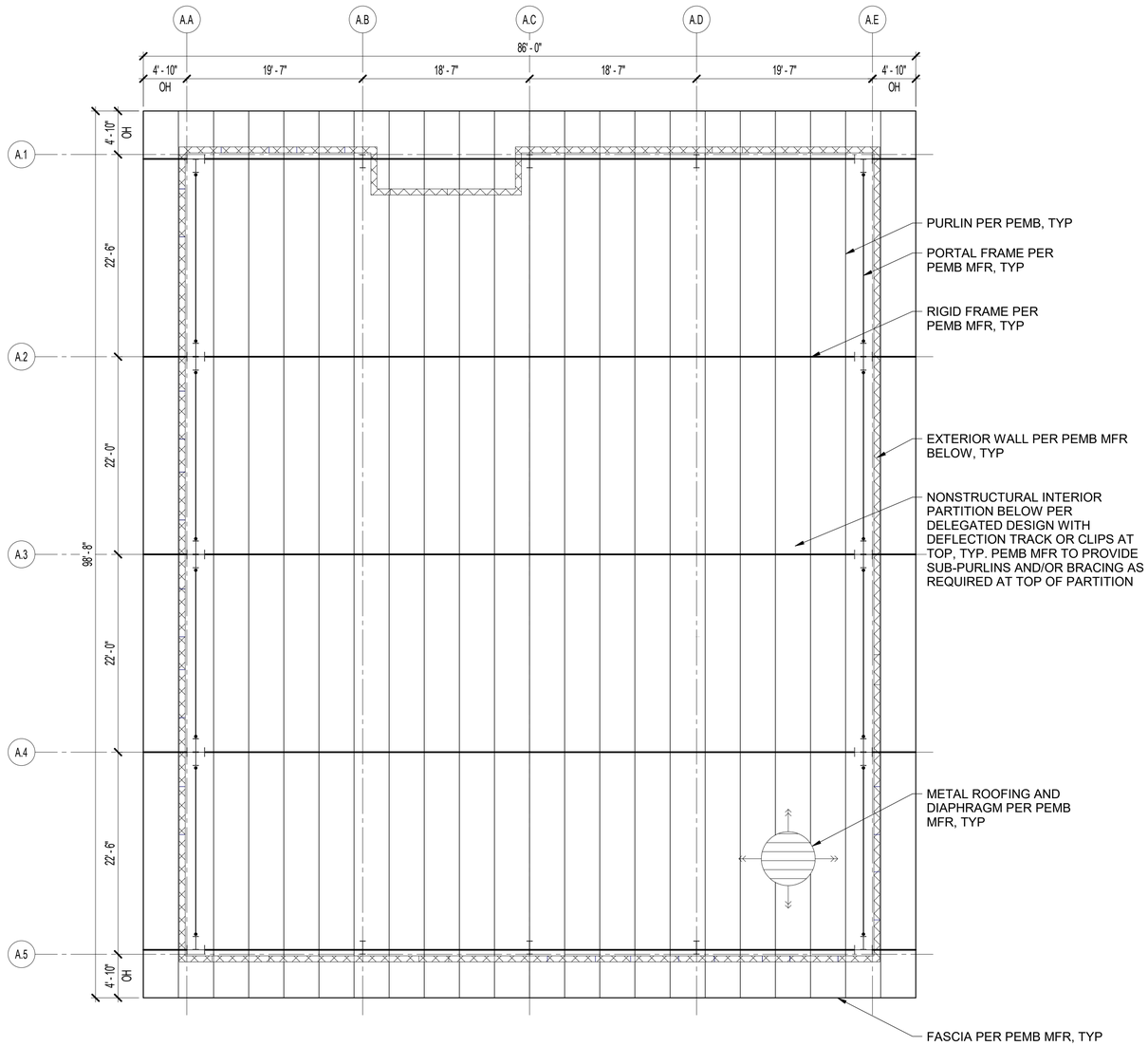
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2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, AND OTHER INFORMATION.
3. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR HOUSEKEEPING PADS, EQUIPMENT SUPPORTS, PENETRATIONS, SLEEVES, AND OTHER INFORMATION.
4. SUPERSTRUCTURE SHOWN IS CONCEPTUAL ONLY. PROVIDE COMPLETE METAL BUILDING SYSTEM PER MANUFACTURER.

LEGEND:

STEEL COLUMN PER PEMB MFR BELOW

MOMENT RESISTING FRAME PER PEMB MFR



1 ROOF FRAMING PLAN - ADMINISTRATION
1/8" = 1'-0"

PLAN NORTH

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
ROOF FRAMING PLAN - ADMINISTRATION

JASON H. EMOTO
LICENSED PROFESSIONAL ENGINEER
No. 11168-S
HAWAII, U.S.A.

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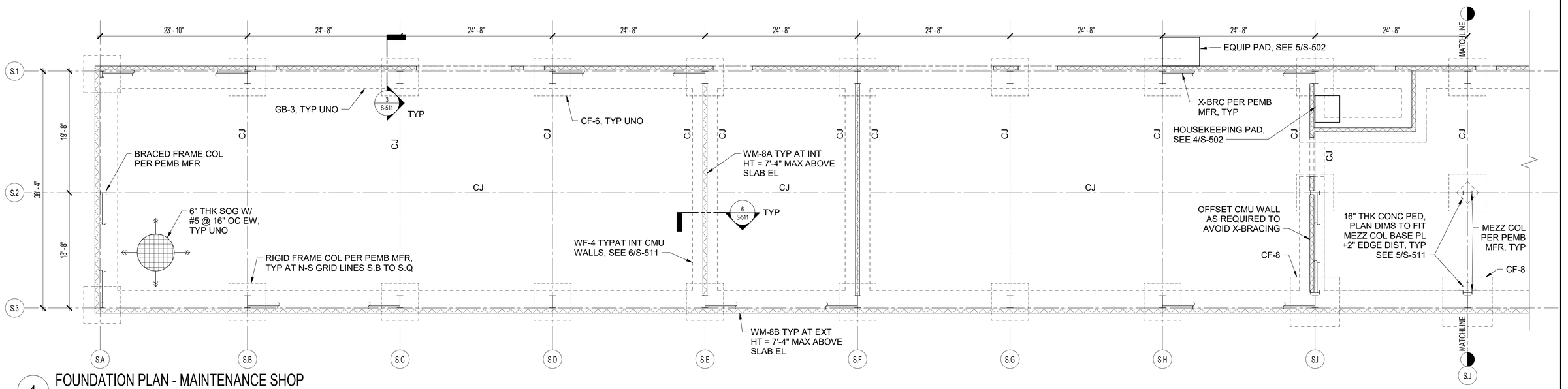
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DESIGNED BY:	JE
DRAWN BY:	SN
CHECKED BY:	PW
DATE:	
SCALE:	AS NOTED

JOB NUMBER: P10981

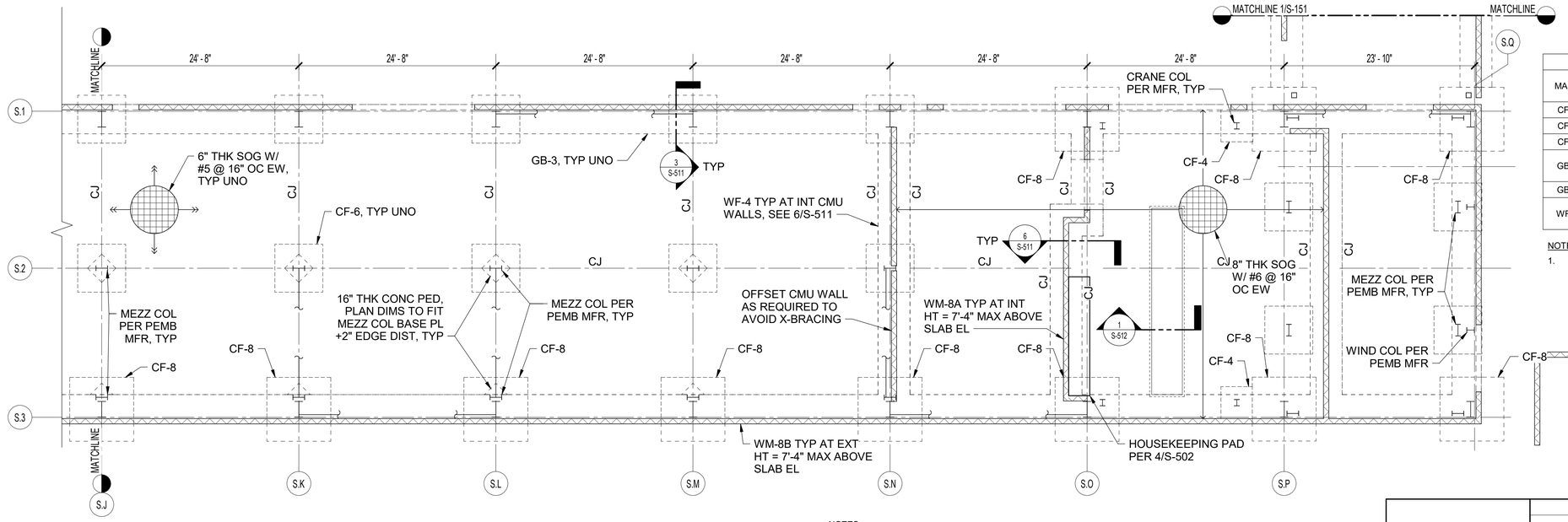
SHEET: S-112
70 OF 273 SHTS

100% SUBMITTAL - SEPTEMBER 2026



1 FOUNDATION PLAN - MAINTENANCE SHOP

1/8" = 1'-0"



2 FOUNDATION PLAN - MAINTENANCE SHOP

1/8" = 1'-0"

FOOTING SCHEDULE					
MARK	WIDTH	LENGTH	THICKNESS	TRANVERSE REINFORCEMENT	LONGITUDINAL REINFORCEMENT
CF-4	4'-0"	4'-0"	1'-4"	(5) #5 T&B	(5) #5 T&B
CF-6	6'-0"	6'-0"	1'-4"	(7) #5 T&B	(7) #5 T&B
CF-8	8'-0"	8'-0"	2'-0"	(10) #6 T&B	(10) #6 T&B
GB-3	3'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT
GB-4	4'-0"	CONT	2'-0"	#5 HOOPS @ 10" OC	(5) #6 T&B CONT
WF-4	4'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT

NOTES:

1. TRANSVERSE REINFORCEMENT IS IN DIRECTION OF FOOTING WIDTH, LONGITUDINAL REINFORCEMENT IS IN DIRECTION OF FOOTING LENGTH.

PLAN NORTH

0 4' 8' 16'

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

LEGEND:

CJ	SOG CONTROL JOINT
	STEEL COLUMN PER PEMB MFR ABOVE
	BRACED FRAME PER PEMB MFR ABOVE

CF-4	COLUMN FOOTING, SEE FOOTING SCHEDULE
CF-8	COLUMN FOOTING, SEE FOOTING SCHEDULE
GB-3	GRADE BEAM, SEE FOOTING SCHEDULE
WF-4	WALL FOOTING, SEE FOOTING SCHEDULE
WM-8A	8" SOLID-GROUTED CMU WALL WITH #5 @ 16" OC EW CTR
WM-8B	8" SOLID-GROUTED CMU WALL WITH #5 @ 24" OC EW VERT CTR, #5 @ 16" OC HORIZ CTR

NOTES:

1. SEE GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, AND OTHER INFORMATION.
3. SEE CIVIL DRAWINGS FOR FINISH FLOOR ELEVATION, EXTERIOR GRADES, AND OTHER INFORMATION.
4. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR HOUSEKEEPING PADS, EQUIPMENT SUPPORTS, PENETRATIONS, SLEEVES, AND OTHER INFORMATION.
5. CENTER FOOTINGS BELOW WALLS AND COLUMNS UNLESS NOTED OTHERWISE.
6. TOP OF FOOTING ELEVATION = 1'-4" BELOW FINISH FLOOR ELEVATION UNLESS NOTED OTHERWISE.
7. SUPERSTRUCTURE SHOWN IS CONCEPTUAL ONLY, PROVIDE COMPLETE METAL BUILDING SYSTEM PER MANUFACTURER.
8. FOUNDATION SIZES SHOWN ARE PRELIMINARY AND MAY BE REVISED AS REQUIRED FOR MANUFACTURER'S REACTIONS.
9. SLAB-ON-GROUND REINFORCEMENT WITHIN 3'-0" EACH SIDE OF RIGID FRAME GRID LINES IS A TENSION TIE. DO NOT TRENCH SLAB OR CUT REINFORCEMENT WITHOUT APPROVAL.

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REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
FOUNDATION PLAN - MAINTENANCE SHOP

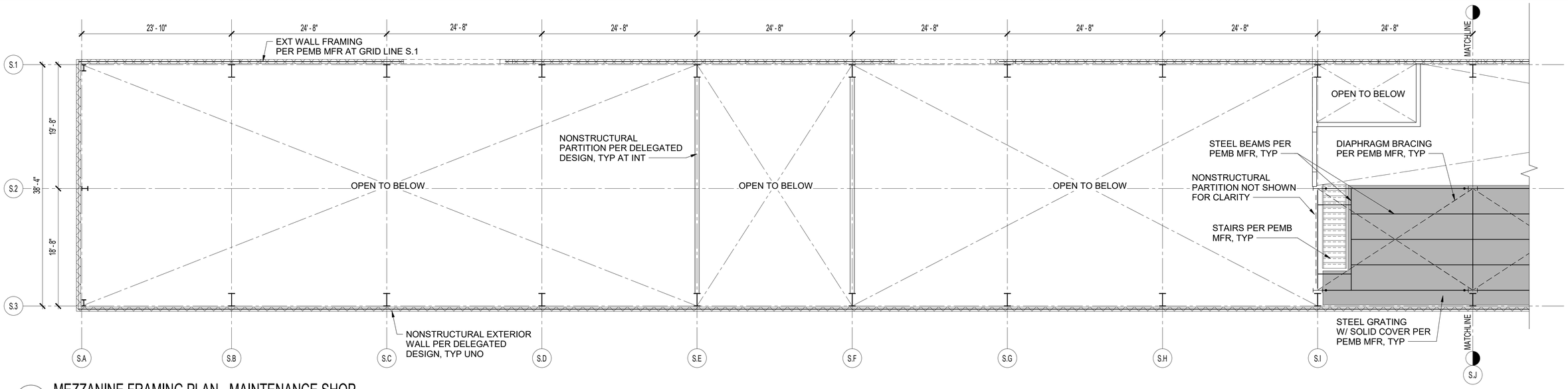
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CHECKED BY:	PW
DATE:	
SCALE:	AS NOTED

JOB NUMBER: P10981

SHEET S-121

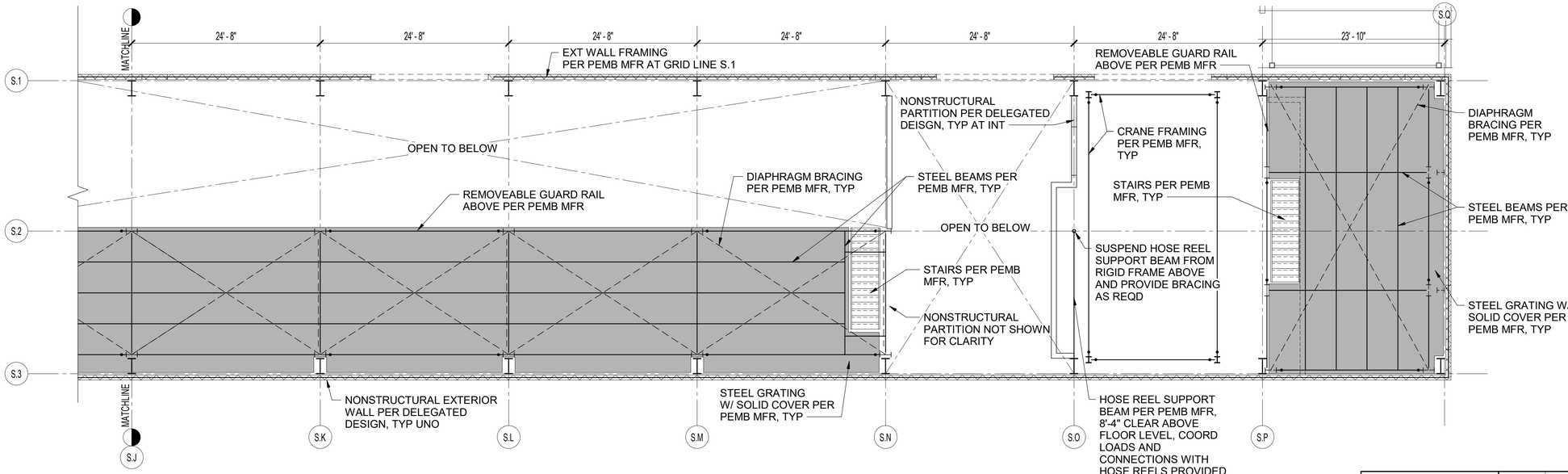
71 OF 273 SHTS

100% SUBMITTAL - SEPTEMBER 2026



1 MEZZANINE FRAMING PLAN - MAINTENANCE SHOP

1/8" = 1'-0"



2 MEZZANINE FRAMING PLAN - MAINTENANCE SHOP

1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'

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

NOTES:

1. SEE GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, AND OTHER INFORMATION.
3. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR EQUIPMENT SUPPORTS, PENETRATIONS, SLEEVES, AND OTHER INFORMATION.
4. MEZZANINE DEAD LOAD SUPPORTED BY COLUMNS MAY NOT EXCEED 20 PSF.
5. PROVIDE 4" SEPARATION BETWEEN MEZZANINE STRUCTURE AND PRIMARY BUILDING STRUCTURE.
6. SUPERSTRUCTURE SHOWN IS CONCEPTUAL ONLY, PROVIDE COMPLETE METAL BUILDING SYSTEM PER MANUFACTURER.

LEGEND:

- STEEL COLUMN PER PEMB MFR BELOW
- BRACED FRAME PER PEMB MFR BELOW
- MOMENT RESISTING FRAME PER PEMB MFR

REVISION	DATE	DESCRIPTION	BY	APPROVED

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
MEZZANINE FRAMING PLAN - MAINTENANCE SHOP

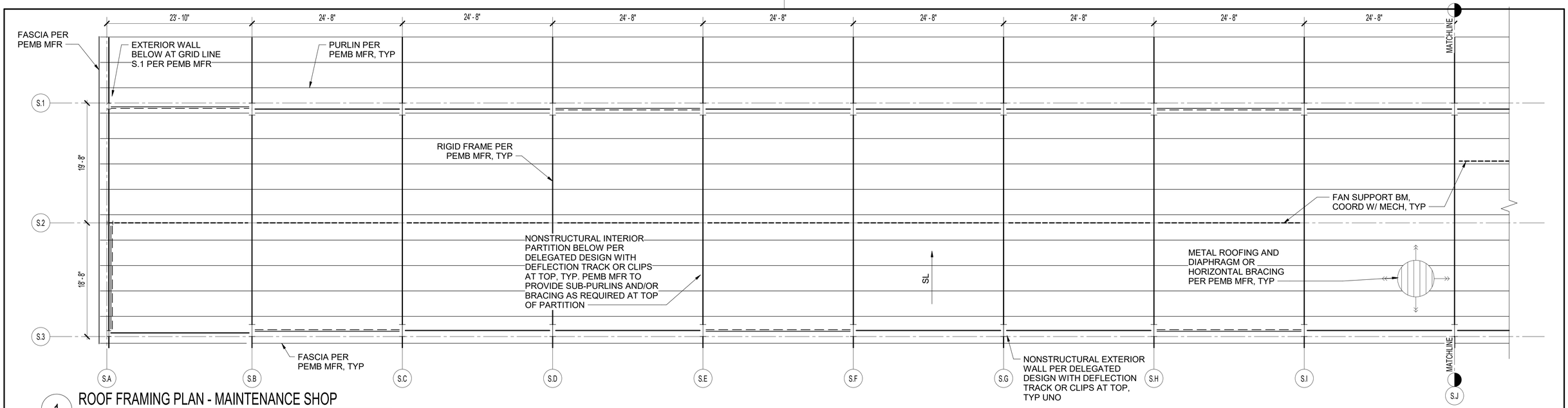
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CHECKED BY:	PW
DATE:	
SCALE:	AS NOTED

JOB NUMBER: P10981

SHEET: S-122

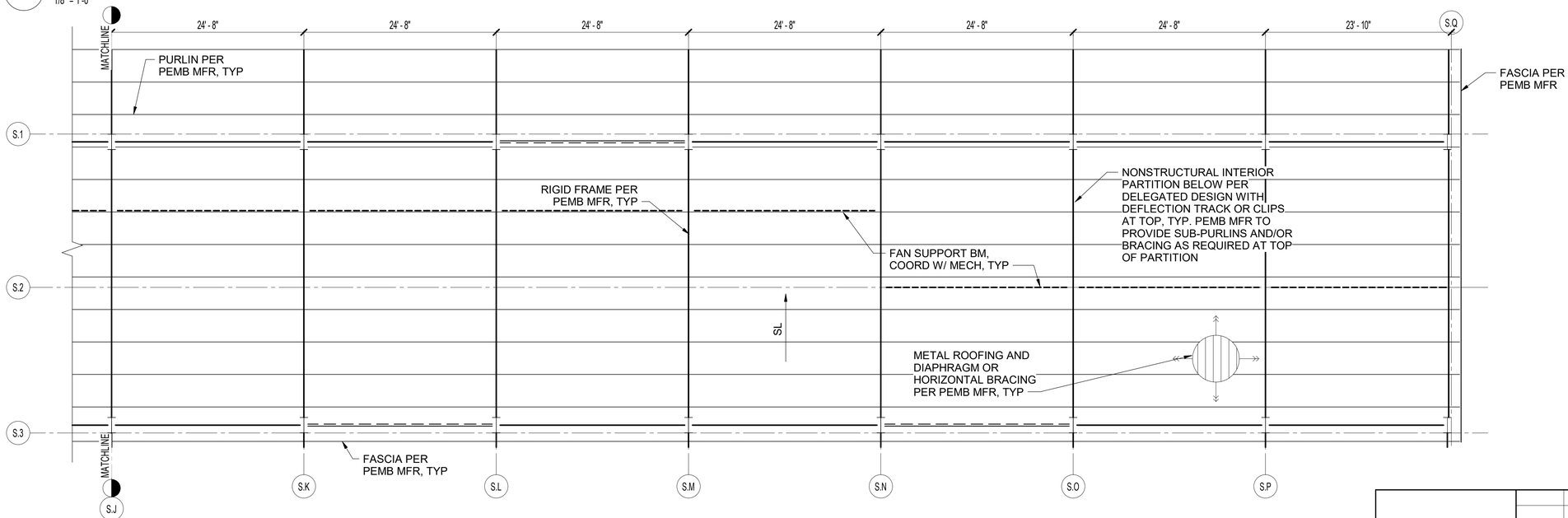
72 OF 273 SHTS

100% SUBMITTAL - SEPTEMBER 2026



1 ROOF FRAMING PLAN - MAINTENANCE SHOP

1/8" = 1'-0"



2 ROOF FRAMING PLAN - MAINTENANCE SHOP

1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'

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

NOTES:

1. SEE GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, AND OTHER INFORMATION.
3. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR EQUIPMENT SUPPORTS, PENETRATIONS, SLEEVES, AND OTHER INFORMATION.
4. SUPERSTRUCTURE SHOWN IS CONCEPTUAL ONLY, PROVIDE COMPLETE METAL BUILDING SYSTEM PER MANUFACTURER.

LEGEND:

- STEEL COLUMN PER PEMB MFR BELOW
- BRACED FRAME PER PEMB MFR BELOW
- MOMENT RESISTING FRAME PER PEMB MFR

JASON H. EMOTO
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HAWAII, U.S.A.

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
ROOF FRAMING PLAN - MAINTENANCE SHOP

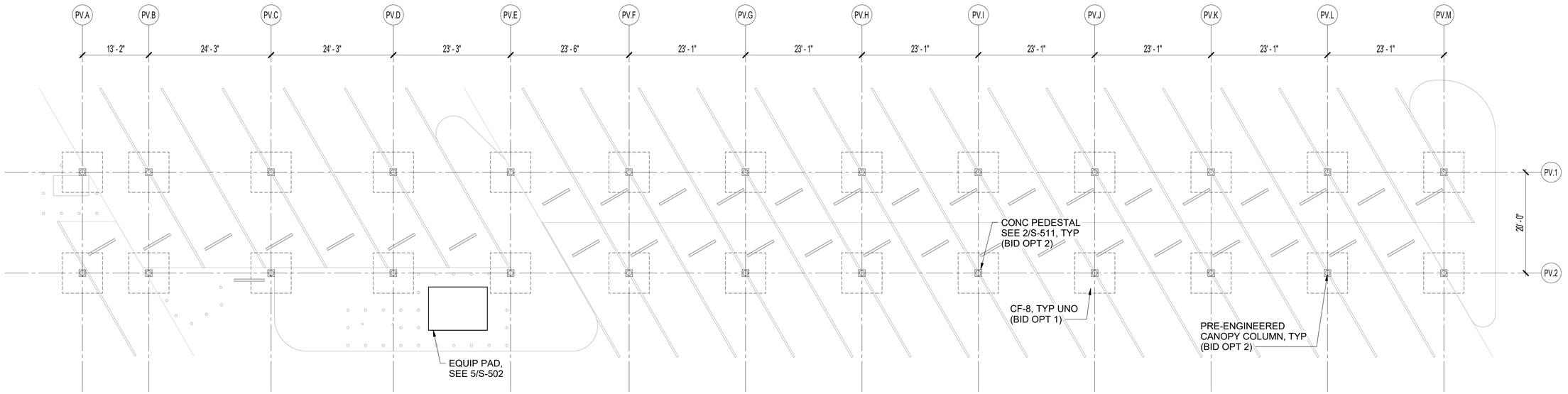
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CHECKED BY:	PW
DATE:	
SCALE:	AS NOTED

JOB NUMBER: P10981

SHEET: S-123

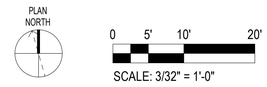
73 OF 273 SHTS

100% SUBMITTAL - SEPTEMBER 2026



1 FOUNDATION PLAN - PARKING CANOPY

3/32" = 1'-0"



NOTES:

1. SEE GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, AND OTHER INFORMATION.
3. SEE CIVIL DRAWINGS FOR EXTERIOR GRADES AND OTHER INFORMATION.
4. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR HOUSEKEEPING PADS, EQUIPMENT SUPPORTS, PENETRATIONS, SLEEVES, AND OTHER INFORMATION.
5. CENTER FOOTINGS BELOW WALLS AND COLUMNS UNLESS NOTED OTHERWISE.
6. TOP OF FOOTING ELEVATION = 1'-4" MAXIMUM BELOW FINISH FLOOR ELEVATION UNLESS NOTED OTHERWISE.
7. SUPERSTRUCTURE SHOWN IS CONCEPTUAL ONLY, PROVIDE COMPLETE CANOPY SYSTEM PER MANUFACTURER.
8. ALL WORK SHOWN ON THIS SHEET IS BID OPTION 1 & 2.
9. FOUNDATION SIZES SHOWN ARE PRELIMINARY AND MAY BE REVISED AS REQUIRED FOR MANUFACTURER'S REACTIONS.

LEGEND:

⊢ □	STEEL COLUMN PER CANOPY MFR ABOVE
CF-8	COLUMN FOOTING, SEE FOOTING SCHEDULE

FOOTING SCHEDULE					
MARK	WIDTH	LENGTH	THICKNESS	TRANVERSE REINFORCEMENT	LONGITUDINAL REINFORCEMENT
CF-4	4'-0"	4'-0"	1'-4"	(5) #5 T&B	(5) #5 T&B
CF-6	6'-0"	6'-0"	1'-4"	(7) #5 T&B	(7) #5 T&B
CF-8	8'-0"	8'-0"	2'-0"	(10) #6 T&B	(10) #6 T&B
GB-3	3'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT
GB-4	4'-0"	CONT	2'-0"	#5 HOOPS @ 10" OC	(5) #6 T&B CONT
WF-4	4'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT

NOTES:

1. TRANSVERSE REINFORCEMENT IS IN DIRECTION OF FOOTING WIDTH, LONGITUDINAL REINFORCEMENT IS IN DIRECTION OF FOOTING LENGTH.

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HAWAII, U.S.A.

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REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
FOUNDATION PLAN - PARKING CANOPY

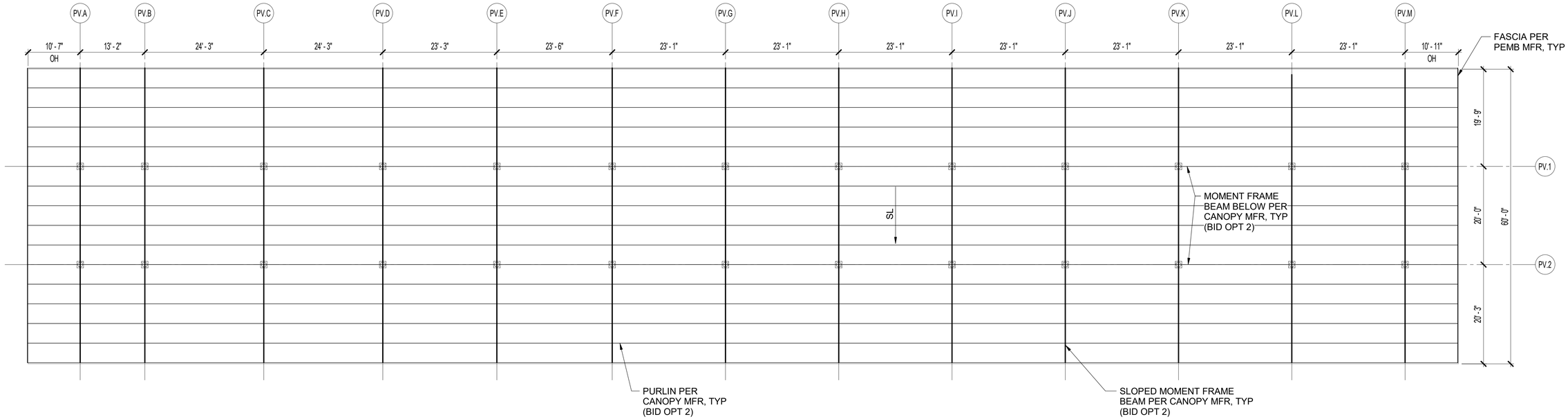
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DATE:	
SCALE:	AS NOTED

JOB NUMBER: P10981

SHEET: S-131

74 OF 273 SHTS

100% SUBMITTAL - SEPTEMBER 2026



1 ROOF FRAMING PLAN - PARKING CANOPY

3/32" = 1'-0"

PLAN NORTH

0 5' 10' 20'

SCALE: 3/32" = 1'-0"

NOTES:

1. SEE GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, AND OTHER INFORMATION.
3. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR EQUIPMENT SUPPORTS, PENETRATIONS, SLEEVES, AND OTHER INFORMATION.
4. SUPERSTRUCTURE SHOWN IS CONCEPTUAL ONLY, PROVIDE COMPLETE CANOPY SYSTEM PER MANUFACTURER.
5. PROVIDE ROOF HORIZONTAL BRACING OR DESIGN ROOF MEMBERS AS REQUIRED TO DISTRIBUTE FORCES TO THE LATERAL FORCE-RESISTING SYSTEM.
6. ALL WORK SHOWN ON THIS SHEET IS BID OPTION 2.

LEGEND:

STEEL COLUMN PER CANOPY MFR BELOW

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REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
ROOF FRAMING PLAN - PARKING CANOPY

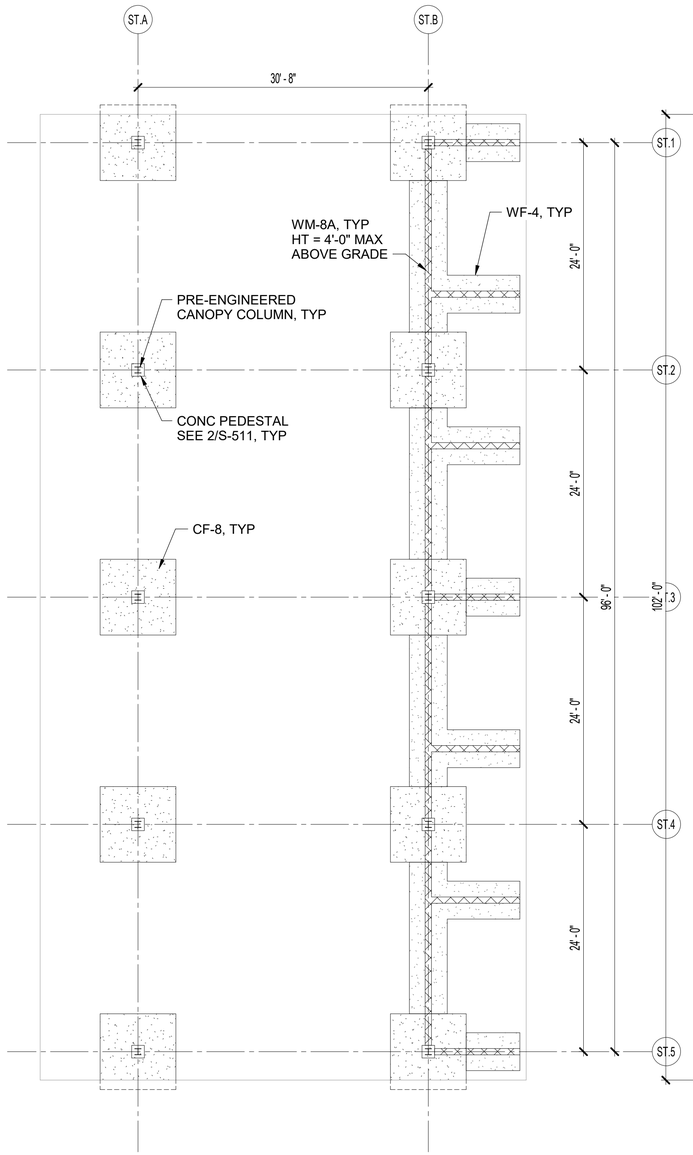
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JOB NUMBER: P10981

SHEET: S-132

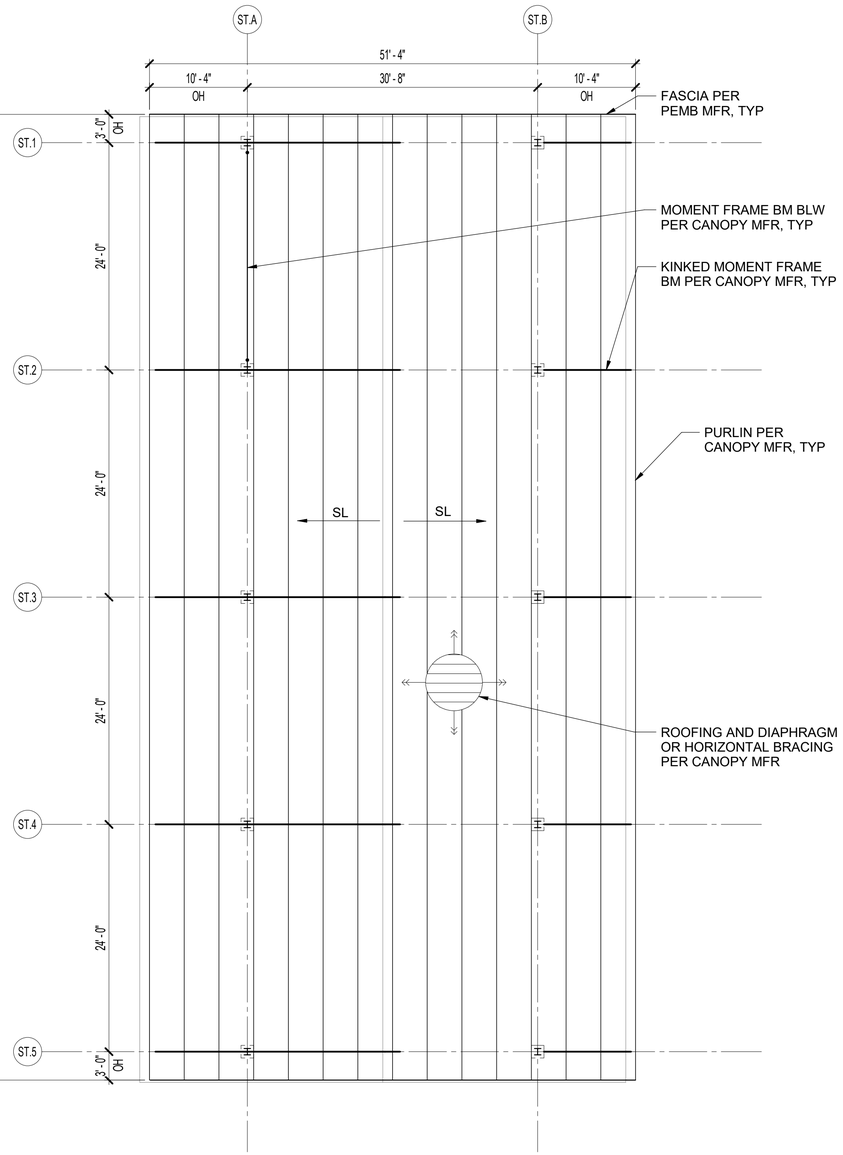
75 OF 273 SHTS

100% SUBMITTAL - SEPTEMBER 2026



1 FOUNDATION PLAN - MATERIALS STORAGE CANOPY

1/8" = 1'-0"



2 ROOF FRAMING PLAN - MATERIALS STORAGE CANOPY

1/8" = 1'-0"

NOTES:

1. SEE GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, AND OTHER INFORMATION.
3. SEE CIVIL DRAWINGS FOR EXTERIOR GRADES AND OTHER INFORMATION.
4. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR HOUSEKEEPING PADS, EQUIPMENT SUPPORTS, PENETRATIONS, SLEEVES, AND OTHER INFORMATION.
5. CENTER FOOTINGS BELOW WALLS AND COLUMNS UNLESS NOTED OTHERWISE.
6. TOP OF FOOTING ELEVATION = 1'-4" MAXIMUM BELOW FINISH FLOOR ELEVATION UNLESS NOTED OTHERWISE.
7. SUPERSTRUCTURE SHOWN IS CONCEPTUAL ONLY. PROVIDE COMPLETE CANOPY SYSTEM PER MANUFACTURER.
8. FOUNDATION SIZES SHOWN ARE PRELIMINARY AND MAY BE REVISED AS REQUIRED FOR MANUFACTURER'S REACTIONS.

LEGEND:

H □	STEEL COLUMN PER CANOPY MFR ABOVE
H ⬚	STEEL COLUMN PER CANOPY MFR ABOVE
CF-8	COLUMN FOOTING, SEE FOOTING SCHEDULE
WF-4	WALL FOOTING, SEE FOOTING SCHEDULE
WM-8A	8" SOLID-GROUTED CMU WALL WITH #5 @ 16" OC EW CTR

FOOTING SCHEDULE					
MARK	WIDTH	LENGTH	THICKNESS	TRANVERSE REINFORCEMENT	LONGITUDINAL REINFORCEMENT
CF-4	4'-0"	4'-0"	1'-4"	(5) #5 T&B	(5) #5 T&B
CF-6	6'-0"	6'-0"	1'-4"	(7) #5 T&B	(7) #5 T&B
CF-8	8'-0"	8'-0"	2'-0"	(10) #6 T&B	(10) #6 T&B
GB-3	3'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT
GB-4	4'-0"	CONT	2'-0"	#5 HOOPS @ 10" OC	(5) #6 T&B CONT
WF-4	4'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT

NOTES:

1. TRANSVERSE REINFORCEMENT IS IN DIRECTION OF FOOTING WIDTH, LONGITUDINAL REINFORCEMENT IS IN DIRECTION OF FOOTING LENGTH.

PLAN NORTH

0 4' 8' 16'

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

JASON H. EMOTO
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No. 11168-S
HAWAII, U.S.A.

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EXP 4-30-28

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REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
FOUNDATION AND ROOF FRAMING PLANS - MATERIALS STORAGE CANOPY

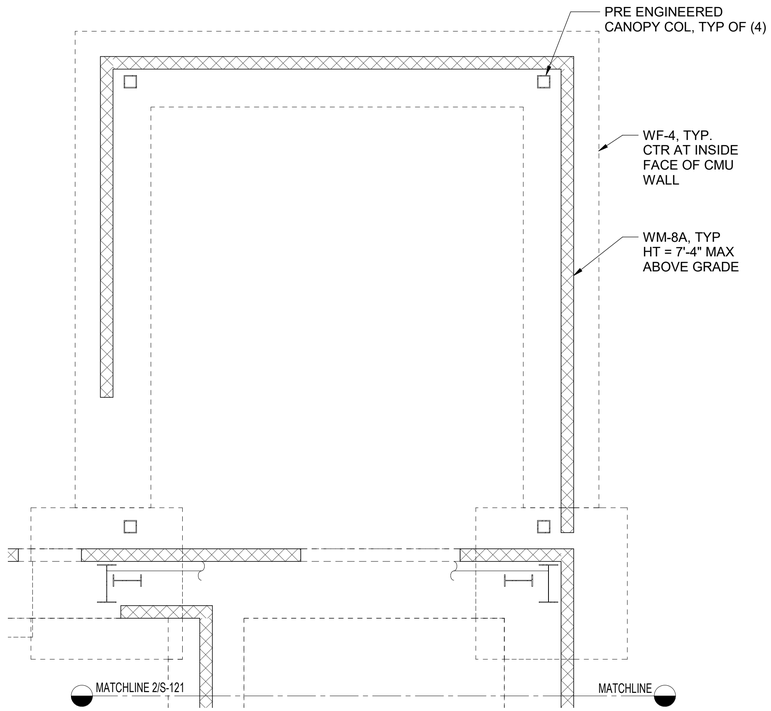
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DRAWN BY:	SN
CHECKED BY:	PW
DATE:	
SCALE:	AS NOTED

JOB NUMBER: P10981

SHEET: S-141

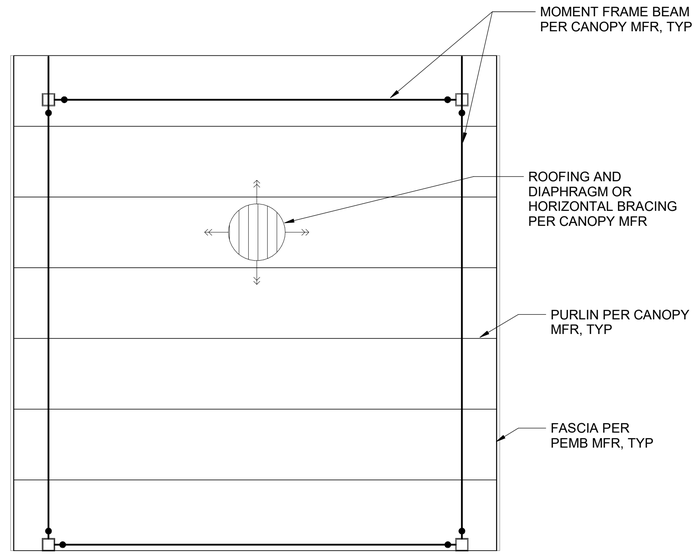
76 OF 273 SHTS

100% SUBMITTAL - SEPTEMBER 2026



1 FOUNDATION PLAN - OUTDOOR WELDING CANOPY

1/4" = 1'-0"



2 ROOF FRAMING PLAN - OUTDOOR WELDING CANOPY

1/4" = 1'-0"

NOTES:

1. SEE GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, AND OTHER INFORMATION.
3. SEE CIVIL DRAWINGS FOR EXTERIOR GRADES AND OTHER INFORMATION.
4. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR HOUSEKEEPING PADS, EQUIPMENT SUPPORTS, PENETRATIONS, SLEEVES, AND OTHER INFORMATION.
5. TOP OF FOOTING ELEVATION = 1'-4" MAXIMUM BELOW FINISH FLOOR ELEVATION UNLESS NOTED OTHERWISE.
6. SUPERSTRUCTURE SHOWN IS CONCEPTUAL ONLY. PROVIDE COMPLETE CANOPY SYSTEM PER MANUFACTURER.
7. FOUNDATION SIZES SHOWN ARE PRELIMINARY AND MAY BE REVISED AS REQUIRED FOR MANUFACTURER'S REACTIONS.

LEGEND:

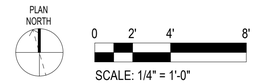
H □	STEEL COLUMN PER CANOPY MFR ABOVE
H ⬚	STEEL COLUMN PER CANOPY MFR ABOVE
CF-8	COLUMN FOOTING, SEE FOOTING SCHEDULE
WF-4	WALL FOOTING, SEE FOOTING SCHEDULE
WM-8A	8" SOLID-GROUTED CMU WALL WITH #5 @ 16" OC EW CTR

FOOTING SCHEDULE

MARK	WIDTH	LENGTH	THICKNESS	TRANVERSE REINFORCEMENT	LONGITUDINAL REINFORCEMENT
CF-4	4'-0"	4'-0"	1'-4"	(5) #5 T&B	(5) #5 T&B
CF-6	6'-0"	6'-0"	1'-4"	(7) #5 T&B	(7) #5 T&B
CF-8	8'-0"	8'-0"	2'-0"	(10) #6 T&B	(10) #6 T&B
GB-3	3'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT
GB-4	4'-0"	CONT	2'-0"	#5 HOOPS @ 10" OC	(5) #6 T&B CONT
WF-4	4'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT

NOTES:

1. TRANSVERSE REINFORCEMENT IS IN DIRECTION OF FOOTING WIDTH, LONGITUDINAL REINFORCEMENT IS IN DIRECTION OF FOOTING LENGTH.



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STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE:

HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:

FOUNDATION AND ROOF FRAMING PLANS - OUTDOOR WELDING CANOPY

JASON H. EMOTO
LICENSED PROFESSIONAL ENGINEER
No. 11168-S
HAWAII, U.S.A.

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EXP 4-30-28

MOFFATT & NICHOL

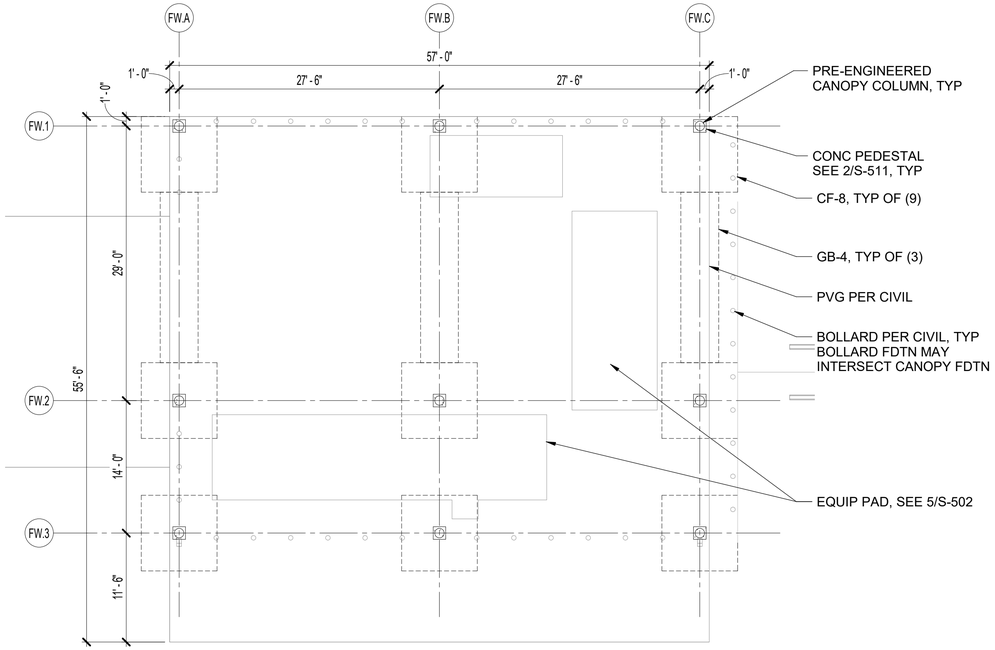
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SCALE:	AS NOTED

JOB NUMBER: P10981

SHEET: S-151

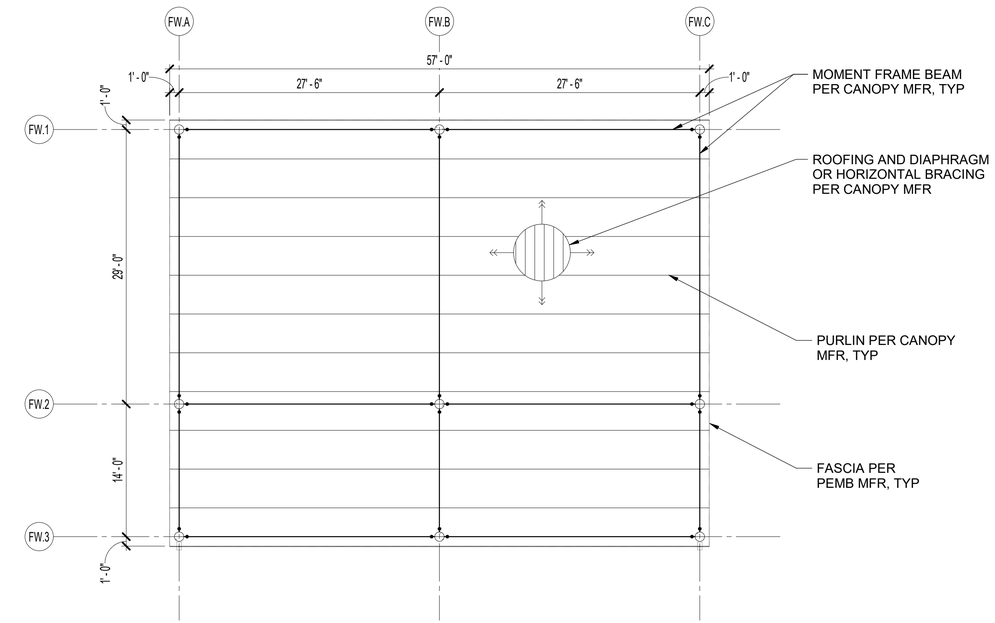
78 OF 273 SHTS

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1 FOUNDATION PLAN - AST/WASH RACK CANOPY

1/8" = 1'-0"



2 FOUNDATION PLAN - AST/WASH RACK CANOPY

1/8" = 1'-0"

NOTES:

1. SEE GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, SLOPES, OPENINGS, AND OTHER INFORMATION.
3. SEE CIVIL DRAWINGS FOR EXTERIOR GRADES AND OTHER INFORMATION.
4. SEE ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR HOUSEKEEPING PADS, EQUIPMENT SUPPORTS, PENETRATIONS, SLEEVES, AND OTHER INFORMATION.
5. TOP OF FOOTING ELEVATION = 1'-4" MAXIMUM BELOW FINISH FLOOR ELEVATION UNLESS NOTED OTHERWISE.
6. SUPERSTRUCTURE SHOWN IS CONCEPTUAL ONLY. PROVIDE COMPLETE CANOPY SYSTEM PER MANUFACTURER.
7. FOUNDATION SIZES SHOWN ARE PRELIMINARY AND MAY BE REVISED AS REQUIRED FOR MANUFACTURER'S REACTIONS.

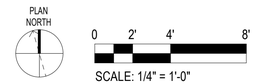
LEGEND:

H □	STEEL COLUMN PER CANOPY MFR ABOVE
H ⬚	STEEL COLUMN PER CANOPY MFR ABOVE
CF-8	COLUMN FOOTING, SEE FOOTING SCHEDULE
WF-4	WALL FOOTING, SEE FOOTING SCHEDULE
WM-8A	8" SOLID-GROUTED CMU WALL WITH #5 @ 16" OC EW CTR

FOOTING SCHEDULE					
MARK	WIDTH	LENGTH	THICKNESS	TRANVERSE REINFORCEMENT	LONGITUDINAL REINFORCEMENT
CF-4	4'-0"	4'-0"	1'-4"	(5) #5 T&B	(5) #5 T&B
CF-6	6'-0"	6'-0"	1'-4"	(7) #5 T&B	(7) #5 T&B
CF-8	8'-0"	8'-0"	2'-0"	(10) #6 T&B	(10) #6 T&B
GB-3	3'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT
GB-4	4'-0"	CONT	2'-0"	#5 HOOPS @ 10" OC	(5) #6 T&B CONT
WF-4	4'-0"	CONT	1'-4"	#5 @ 16" OC T&B, HOOK ENDS OR CONT INTO SOG	#5 @ 16" OC MAX T&B CONT

NOTES:

1. TRANSVERSE REINFORCEMENT IS IN DIRECTION OF FOOTING WIDTH, LONGITUDINAL REINFORCEMENT IS IN DIRECTION OF FOOTING LENGTH.
2. EXTEND GB-4 REINFORCEMENT INTO COLUMN FOOTING TO COLUMN GRID LINE.



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STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

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BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

FOUNDATION AND ROOF FRAMING PLANS - AST/WASH RACK CANOPY

JASON H. EMOTO
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JOB NUMBER: P10981

SHEET S-161

77 OF 273 SHTS

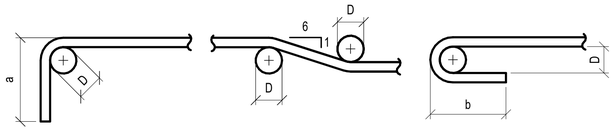
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BAR SIZE	LAP SPLICE LENGTH (INCHES)	
	f'c = 4000psi	
	CASE 1	CASE 2
#3	15	12
#4	20	15
#5	29	22
#6	40	31
#7	48	37
#8	60	47
#9	74	57
#10	91	70

NOTES:
1. SCHEDULE APPLIES TO 60,000 PSI UNCOATED OR GALVANIZED DEFORMED BARS WITH 1" MINIMUM CLEAR COVER FOR #3 THROUGH #6 BARS, 1 1/2" MINIMUM CLEAR COVER FOR #7 AND LARGER BARS, AND 4 1/2" OC MIN SPACING
2. CASE 1 APPLIES TO HORIZONTAL REINFORCEMENT WITH MORE THAN 12 INCHES OF FRESH CONCRETE CAST BELOW THE LAP SPLICE. CASE 2 APPLIES TO ALL OTHER REINFORCEMENT.

1 SCHEDULE - CONCRETE REINFORCEMENT LAP SPLICE
NTS

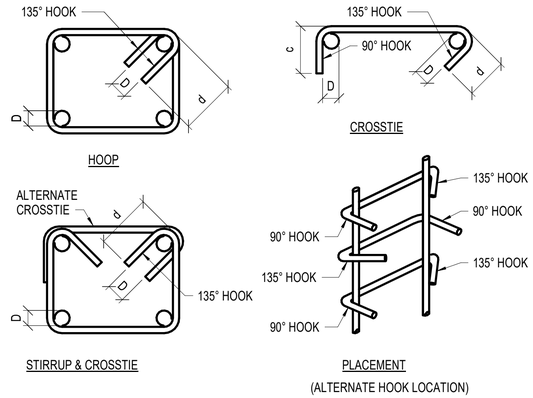
BAR SIZE	MINIMUM HOOK LENGTH REQUIREMENTS (INCHES)		MINIMUM BEND DIAMETER (D) (INCHES)
	90° (a)	180° (b)	
#3	6	4	2 1/4
#4	8	4 1/2	3
#5	10	5	3 3/4
#6	12	6	4 1/2
#7	14	7	5 1/4
#8	16	8	6
#9	19 1/2	10 1/2	9 1/4
#10	21 3/4	11 1/2	10 1/4



90° BEND REBAR BEND 180° BEND

2 SCHEDULE: PRIMARY REINFORCING TYPICAL BENDS
NTS

BAR SIZE	MINIMUM HOOK LENGTH REQUIREMENTS (INCHES)		MINIMUM BEND DIAMETER (D) (INCHES)
	90° (c)	135° (d)	
#3	4 1/4	4 1/4	1 1/2
#4	4 1/2	4 1/2	2
#5	5 3/4	5 3/4	2 1/2
#6	12	7 1/2	4 1/2
#7	14	8 3/4	5 1/4
#8	16	10	6



3 DETAIL - TYPICAL HOOP AND CROSSTIE
NTS

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HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
TYPICAL DETAILS - 1

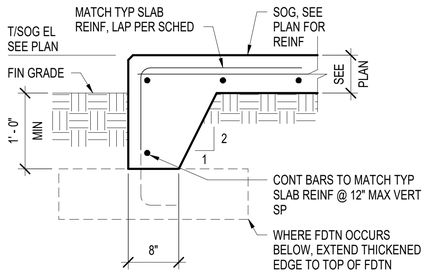
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SHEET S-501

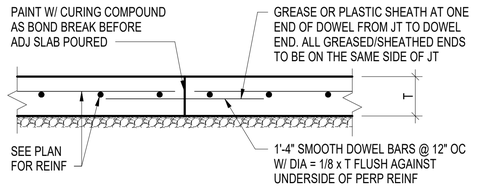
79 OF 273 SHTS

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1 DETAIL - TYPICAL SLAB-ON-GRADE THICKENED EDGE

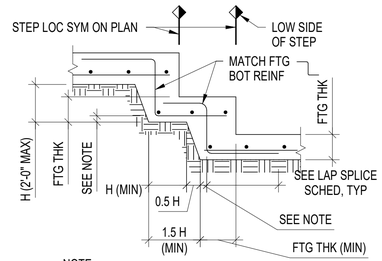
NTS



NOTES:
1. REFER TO PLAN FOR SLAB THICKNESS AND REINFORCING.
2. CONSTRUCTION OR CONTROL JOINTS TO BE SPACED @ 20'-0" OC MAX, EACH WAY. RATIO OF DISTANCE BETWEEN JOINTS IN EACH DIRECTION FOR A SLAB PANEL MUST NOT EXCEED 1.5.
3. SAWCUT JOINTS MUST BE CUT WITHIN 8 HOURS OF CONCRETE PLACEMENT.
4. SEE GEOTECHNICAL NOTES ON SHEET S-002 FOR VAPOR BARRIER AND ADDITIONAL INFORMATION.

2 DETAIL - TYPICAL SLAB-ON- GRADE JOINT

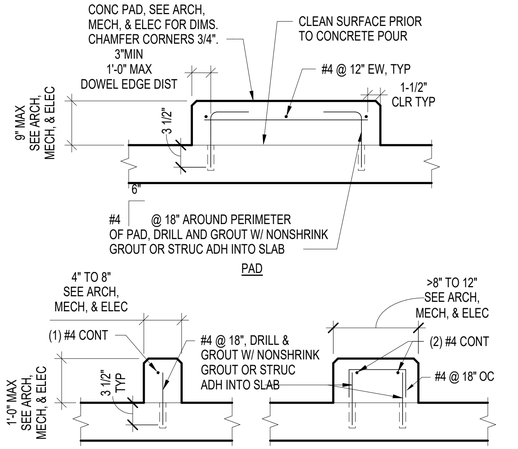
NTS



NOTE:
SEE STRUCTURAL NOTES ON SHEET S-001 FOR REINFORCING COVER REQUIREMENTS.

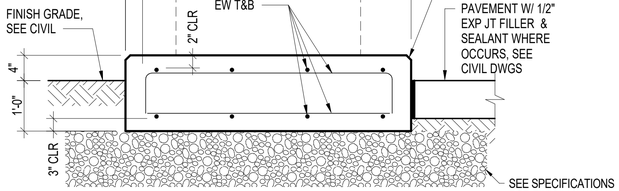
3 DETAIL - TYPICAL STEPPED FOOTING

NTS



4 DETAIL - TYPICAL CURB AND PAD ON CONCRETE SLAB

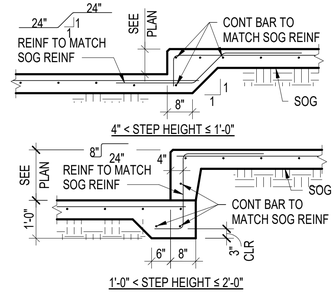
NTS



NOTES:
1. REFER TO THE CIVIL, ELECTRICAL, OR MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF CONCRETE EQUIPMENT PAD. CONCRETE PAD TO EXTEND 6" BEYOND EQUIPMENT TYPICAL, UNLESS NOTED OTHERWISE.
2. EQUIPMENT ANCHORING PER EQUIPMENT MANUFACTURER.

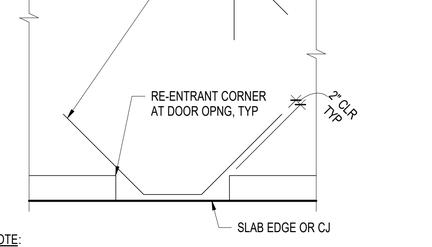
5 DETAIL - TYPICAL EXTERIOR EQUIPMENT PAD ON GRADE

NTS



6 DETAIL - TYPICAL SLAB-ON-GRADE STEP

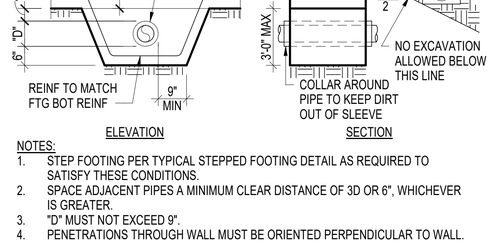
NTS



NOTE:
REINFORCING SHOWN IS IN ADDITION TO TYPICAL SLAB REINFORCING PER PLAN.

7 DETAIL - TYPICAL SLAB-ON-GRADE RE-ENTRANT CORNER

NTS



NOTES:
1. STEP FOOTING PER TYPICAL STEPPED FOOTING DETAIL AS REQUIRED TO SATISFY THESE CONDITIONS.
2. SPACE ADJACENT PIPES A MINIMUM CLEAR DISTANCE OF 3D OR 6", WHICHEVER IS GREATER.
3. "D" MUST NOT EXCEED 9".
4. PENETRATIONS THROUGH WALL MUST BE ORIENTED PERPENDICULAR TO WALL.

8 DETAIL - TYPICAL PIPE AT FOOTING

NTS

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE:
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
TYPICAL DETAILS - 2

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SCALE:	AS NOTED

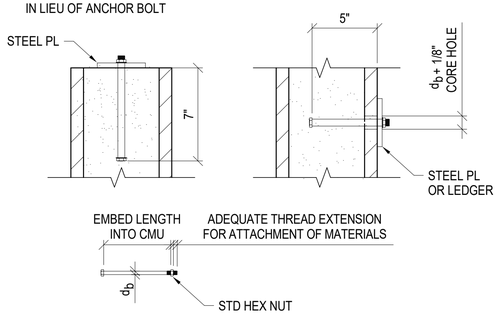
JOB NUMBER: P10981

SHEET: S-502

80 OF 273 SHTS

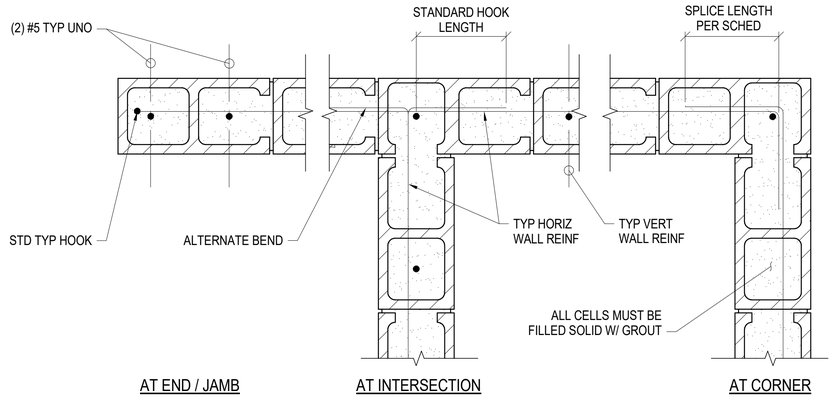
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NOTES:
1. CONTRACTOR OPTION TO USE POST-INSTALLED ADHESIVE ANCHOR IN LIEU OF ANCHOR BOLT



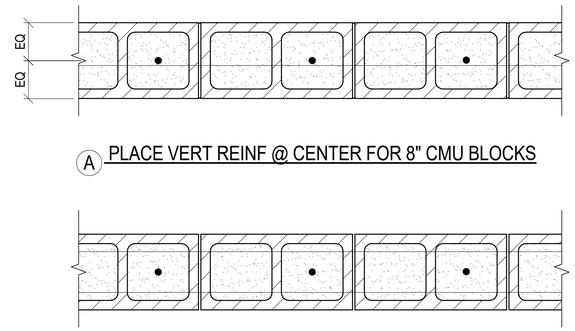
HEX HEADED ANCHOR BOLT

1 TYP ANCHOR BOLT IN CMU WALL
NTS



SINGLE CURTAIN OF HORIZ AND VERT REINF @ 8" CMU WALL

2 TYP REINF AT CMU WALL INTERSECTIONS AND ENDS / JAMBS
NTS



A PLACE VERT REINF @ CENTER FOR 8" CMU BLOCKS

B PLACE VERT REINF @ CENTER & DOUBLE CURTAIN OF HORIZ REINF @ EDGE FOR 8" CMU BLOCKS @ LINTEL/CHORD/JAMB BARS

3 TYP CMU WALL REINF PLACEMENT
NTS

LAP SPLICE & DEVELOPMENT LENGTH SCHED (fy = 60,000 psi, f'm = 2,000 psi)		
SIZE	SPLICE LENGTH	
	REBAR @ CENTER OF CELL (SINGLE CURTAIN)	REBAR @ FACE OF CELL (2" MIN COVER) (DOUBLE CURTAIN & PILASTER)
#3	14"	14"
#4	18"	22"
#5	22"	35"
#6	37"	64"
#7	50"	87"
#8	75"	131"

NOTES:
1. REINFORCING MAY BE CONSIDERED TO BE SPLICED WHEN IN CONTACT OR WHEN THE BARS ARE SPACED NO FARTHER APART THAN 1/5 THE REQUIRED LAP LENGTH AND NEVER FURTHER APART THAN 8"
2. CLEAR COVER NOTED ABOVE MUST ALSO BE MAINTAINED BETWEEN ADJACENT PAIRS OF SPLICED BARS

4 TYP CMU LAP SPLICE AND DEVELOPMENT LENGTH
NTS

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BASEYARD RELOCATION AT AUIKI STREET

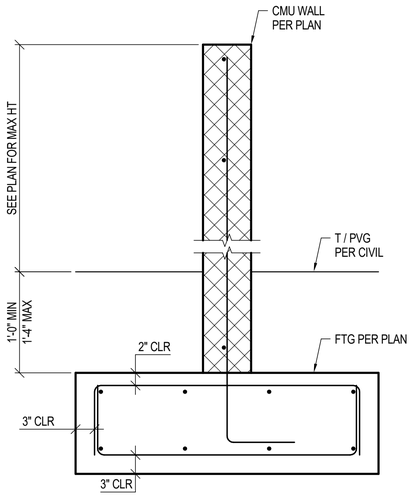
SHEET TITLE:
TYPICAL DETAILS - 3

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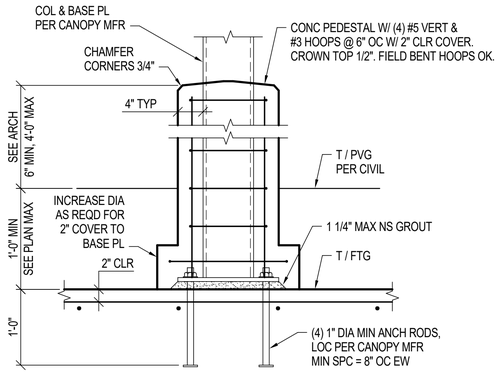
JOB NUMBER: P10981

SHEET: S-503
81 OF 273 SHTS

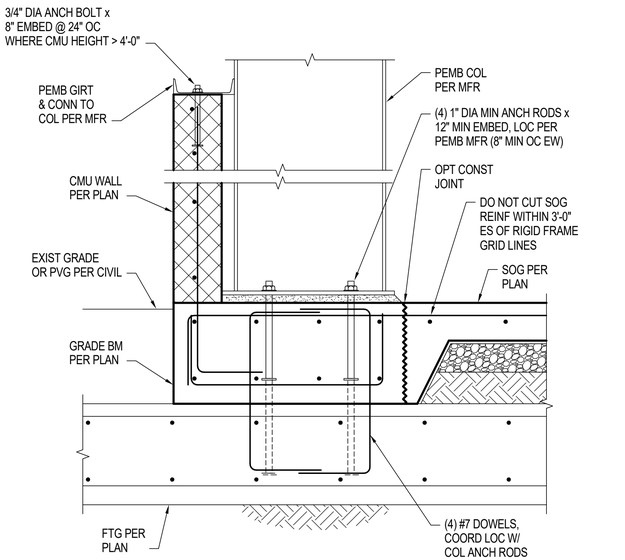
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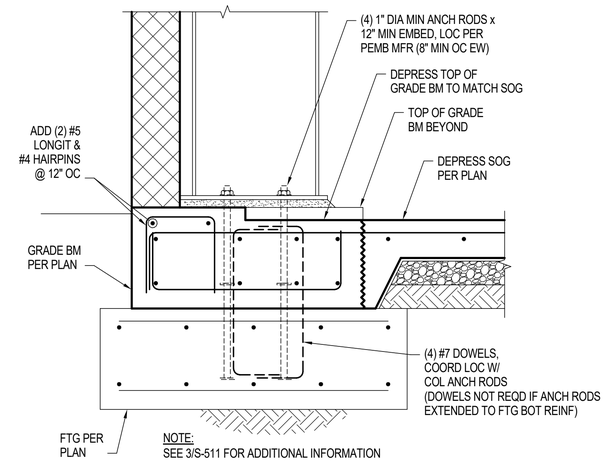
1 SECTION - SITE CMU WALL & FOOTING
1" = 1'-0"



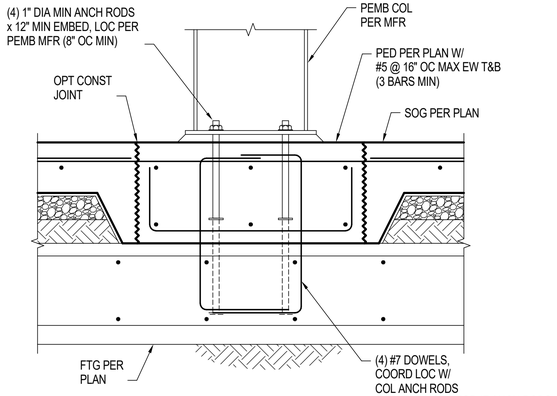
2 DETAIL - SITE CANOPY BASE
1" = 1'-0"



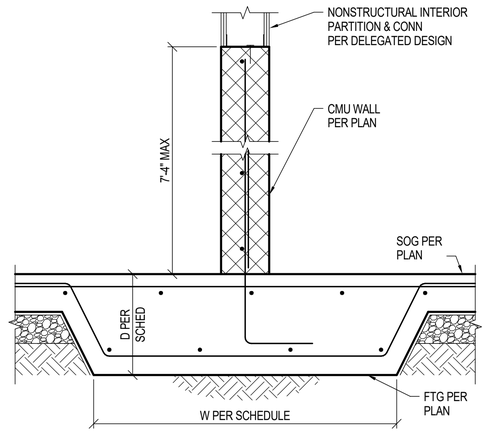
3 SECTION - EXTERIOR WALL & COLUMN BASE
1" = 1'-0"



4 SECTION - EXTERIOR WALL & COLUMN BASE AT DEPRESSED SLAB
1" = 1'-0"



5 SECTION - INTERIOR COLUMN BASE
1" = 1'-0"



6 SECTION - INTERIOR WALL & FOOTING
1" = 1'-0"

0 6" 1' 2'
SCALE: 1" = 1'-0"

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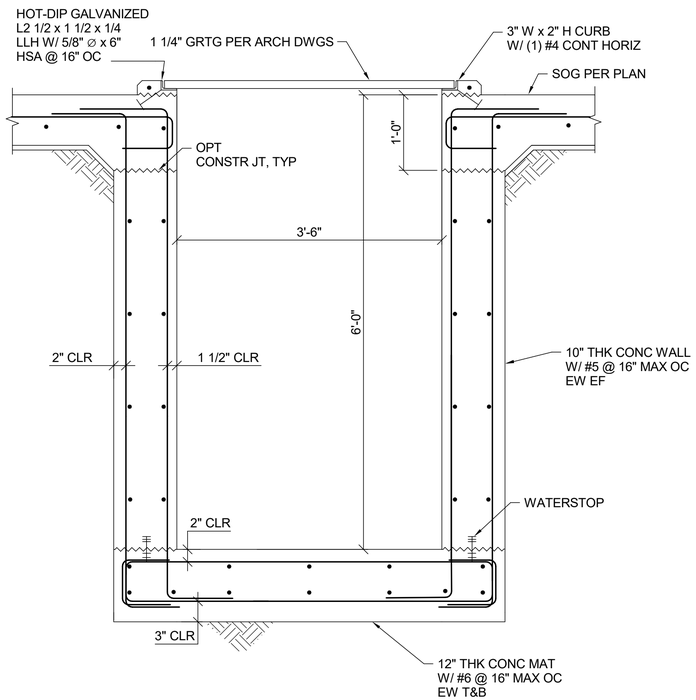
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SECTIONS & DETAILS - 1

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SHEET: S-511
82 OF 273 SHTS

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NOTES:
1. SEE ARCHITECTURAL DRAWINGS FOR LADDER.
2. PROVIDE 1" CLEAR BETWEEN STAINLESS STEEL AND REBAR

1 SECTION - VEHICLE MAINTENANCE PIT

1" = 1'-0"

0 6" 1' 2'

SCALE: 1" = 1'-0"

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BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE:
SECTIONS & DETAILS - 2

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SHEET: S-512

83 OF 273 SHTS

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ABBREVIATIONS

A

AB	ANCHOR BOLT
A/C	AIR CONDITIONING
AC	ASPHALT CONCRETE
ACCU	AIR CONDITIONING CONDENSING UNIT
ACOUS	ACOUSTICAL
ADA	AMERICANS WITH DISABILITIES ACT
ADAAG	AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES
ADJ	ADJUSTABLE
ADMIN	ADMINISTRATION
ADMN	ADMINISTRATION/ UNIT STORAGE BUILDING
AFF	ABOVE FINISH FLOOR
ALUM	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL or ARCHITECT
ARA	AREA OF RESCUE ASSISTANCE
ASSM	ASSEMBLY HALL/ PHYSICAL FITNESS BUILDING
AUX	AUXILIARY

B

BD	BOARD
BIT	BITUMEN
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BOT	BOTTOM

C

CAB	CABINET
CEM	CEMENT
CER	CERAMIC
CI	CAST IRON
CJ	CONTROL JOINT
℄	CENTER LINE
CLG	CEILING
CLR	CLEAR
CLSS	CLASSROOM BUILDING
CMU	CONCRETE MASONRY UNIT
COMBO	COMBINATION
COMM	COMMUNITY
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CORR	CORRUGATED
CT	CERAMIC TILE
CWHF	CONTROLLED WASTE HANDLING FACILITY

D

DFS,DEFS	DIRECT APPLIED EXTERIOR FINISH SYSTEM
DET	DETAIL
DIA, ∅	DIAMETER
DIM	DIMENSION
DISP	DISPENSER
DL	DEAD LOAD
DMH	DRAIN MANHOLE
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DWGS	DRAWINGS

E

EA	EACH
EFS	EXTERIOR FINISH SYSTEM
EIFS	EXTERIOR INSULATED FINISH SYSTEM
EJ	EXPANSION JOINT
ELEV	ELEVATION
ELEC	ELECTRICAL
EQ	EQUAL
EQPT	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EW	EACH WAY
EXP	EXPANSION
EXST	EXISTING
EXT	EXTERIOR

F

FD	FLOOR DRAIN
FFL	FINISH FLOOR LEVEL
FND	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FIN	FINISH
FL, FLR	FLOOR
FOF	FACE OF FINISH
FS	FLOOR SINK
FT	FEET
FTG	FOOTING
FOW	FACE OF WALL
FMS	FLAMMABLE MATERIALS STORAGE

G

GA, ga	GAUGE
GALV	GALVANIZE
GB	GRAB BAR
GFCI	GROUND FAULT CIRCUIT INTERRUPTOR or GOVERNMENT FURNISHED CONTRACTOR INSTALLED
GFGI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED
GFRC	GLASS FIBER REINFORCED CONCRETE
GND	GROUND
GWB	GYPSUM WALL BOARD
GYP	GYPSUM

H

H	HIGH
HAZMAT	HAZARDOUS MATERIAL
HB	HOSE BIB
HC	HOLLOW CORE
HD	HEAD
HDCP	HANDICAP
HDW	HARDWARE
HDWD	HARDWOOD
HM	HOLLOW METAL
HP	HIGH POINT
HORIZ	HORIZONTAL
HR	HOUR
HSS	HOLLOW STAINLESS STEEL
HT	HEIGHT / HARD TILE
HW	HOT WATER

I

INSUL	INSULATION
INT	INTERIOR
IRR	IRRIGATION

J

JB	JUNCTION BOX
JAN	JANITOR
JT, JNT	JOINT

K

KIT	KITCHEN

L

LAM	LAMINATE
LAV	LAVATORY
LBBY	LOBBY / COMMUNITY SERVICE BUILDING
LF	LINEAR FEET
L	LONG
LH	LEFT HAND
LIQ	LIQUID
LL	LIVE LOAD
LT	LIGHT
LVR	LOUVER

M

MAIN	MAINTENANCE
MAT	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MET, MTL	METAL
MFR, MANUF	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD	MODIFIED
MOUNT, MTD	MOUNTED
MTG	MOUNTING

N

NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO OR #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE

O

OBSR	OBSCURE
OC	ON CENTER
OD	OVERFLOW DRAIN or OUTSIDE DIAMETER
OH	OVERHANG
OPNG	OPENING
OPP	OPPOSITE

P

P	PAINT
PL	PLATE
PLAS LAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PEJ	PREMOLDED EXPANSION JOINT
PMJF	PREMOLDED JOINT FILLER
PNL	PANEL
POV	PRIVATELY OPERATED VEHICLE
PRV	POWER ROOF VENTILATOR
PTD/WR	PAPER TOWEL DISPENSER WASTE RECEPTACLE
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PV	PHOTOVOLTAIC

R

RAD, R	RADIUS
RAR	RETURN AIR REGISTER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFRIGERATOR
REINF	REINFORCEMENT
REQ, REQ'D	REQUIRED
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING

S

SAR	SUPPLY AIR REGISTER
SATC	SUSPENDED ACOUSTICAL TILE CEILING
SCWD	SOLID CORE WOOD
SCHED	SCHEDULE
SCRN	SCREEN
SD	SOAP DISPENSER
SCD	SEAT COVER DISPENSER
SECT	SECTION
SERV	SERVICE
SHT	SHEET
SIM	SIMILAR
SK	SINK
SL	SLOPE
SMA	SPECIAL MANAGEMENT AREA
SND	SANITARY NAPKIN DISPOSAL
SNR	SANITARY NAPKIN RECEPTACLE
SPEC	SPECIFIED or SPECIFICATIONS
S/S	SERVICE SINK
SS, SST	STAINLESS STEEL
STAT	STATE MAINTENANCE BUILDING
STL	STEEL
STD	STANDARD
STO/STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SYM	SYMMETRICAL

T

TAG	TRANSFER AIR GRILLE
THK	THICK
THR	THRESHOLD
TMK	TAX MAP KEY
TPO	THERMOPLASTIC POLYOLEFIN
TPD	TOILET PAPER DISPENSER
TPH	TOILET PAPER HOLDER
TSCD	TOILET SEAT COVER DISPENSER
TTD	TOILET TISSUE DISPENSER
TYP	TYPICAL

U

UNO	UNLESS NOTED OTHERWISE
UR	URINAL

V

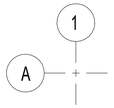
VCT	VINYL COMPOSITION TILE
VEHC	VEHICLE MAINTENANCE BUILDING
VERT	VERTICAL
VEST	VESTIBULE
VPF	VINYL PLANK FLOORING
VTR	VENT THRU ROOF

W

W	WIDE
W/	WITH
WC, W.C.	WATER CLOSET
W/O	WITHOUT
WO	WHERE OCCURS
WD	WOOD
WDW/WIN	WINDOW
WH	WATER HEATER
WP	WATERPROOFING
WQU	WATER QUALITY UNIT
WR	WATER RESISTANT
WSCT	WAINSCOT
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH

ARCHITECTURAL REFERENCE SYMBOLS

GRID LINES



NEW CONSTRUCTION GRID LINE DESIGNATIONS ARE TO THE CENTER OF THE COLUMN, UNLESS NOTED OTHERWISE. GRID LINES IDENTIFIED BY A LETTER DESIGNATION RUN PARALLEL, AND GRID LINES IDENTIFIED BY A NUMBER DESIGNATION RUN PERPENDICULAR TO THOSE WITH LETTER DESIGNATIONS UNLESS NOTED OTHERWISE.

SYMBOLS



DOOR NUMBER IDENTIFICATION SYMBOL



WINDOW / LOUVER TYPE IDENTIFICATION SYMBOL

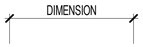


WALL TYPE IDENTIFICATION SYMBOL

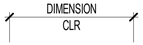


ROOM NAME
ROOM NUMBER
ROOM AREA

DIMENSIONS

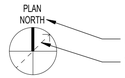


DIMENSION TAKEN FROM FACE OF FRAMING MEMBER (I.E. CMU, STRUCTURAL STEEL, WOOD, ETC.) TO FACE OF FRAMING MEMBER



DIMENSION TAKEN FROM FACE OF FINISH TO FACE OF FINISH, UNLESS NOTED OTHERWISE. WHERE DRAWINGS INDICATE THE FACE OF FINISH IS THE SAME AS FACE OF FRAMING (I.E. CMU, CONCRETE, EXPOSED STRUCTURAL STEEL, EXPOSED WOOD, ETC.), DIMENSION SHALL BE TAKEN FROM FACE OF FRAMING

MISCELLANEOUS SYMBOLS



REFERENCE NORTH INDICATOR

TRUE NORTH INDICATOR

EXTERIOR ELEVATION



ELEVATION LETTER AND DIRECTION OF VIEW

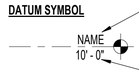
SHEET NUMBER OF ELEVATION VIEW

INTERIOR ELEVATION



ELEVATION LETTER AND DIRECTION OF VIEW

DATUM SYMBOL



LEVEL NAME

HEIGHT ABOVE PROJECT DATUM

MATCHLINE VIEW REFERENCE



SHEET NUMBER WHERE CONTINUATION OF DRAWING IS FOUND

DRAWING SIDE

IECC CODE 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:

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

Signature: _____ Date: 5/20/2026
Name: Laurie A. Chikazawa
Title: Architect
License No.: AR-17476

REVISION	DATE	DESCRIPTION	BY	APPROVED

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
ABBREVIATIONS, ARCH REFERENCE SYMBOLS, IECC CODE BLOCK

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

SHEET
A-001
84 OF 273 SHTS

FINAL SUBMITTAL - MAY 2026

GENERAL NOTES

GENERAL NOTES

1. COMPLY WITH APPROVED BUILDING CODES ADOPTED BY THE CITY AND COUNTY OF HONOLULU.
2. CONSTRUCTION DOCUMENTS DESCRIBE THE INTENT OF THE QUALITY AND SCOPE OF THE CONSTRUCTION FOR THE PROJECT. WHERE DETAILS ARE NOT SHOWN, PROCEED FOLLOWING THE ACCEPTED QUALITY STANDARDS AND PROCEDURES OF THE CONSTRUCTION INDUSTRY IN THE STATE OF HAWAII CONSISTENT WITH THE GENERAL INTENT OF THE CONSTRUCTION DOCUMENTS.
3. COORDINATE WITH HONOLULU "DIG SAFE," "HAWAII 811 (MISS UTILITY)," OR THE APPROPRIATE AGENCY AT LEAST TEN (10) DAYS PRIOR TO ANY DIGGING. IF SUCH SERVICES ARE UNAVAILABLE, LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION. ASSUME FULL RESPONSIBILITY FOR ANY DAMAGE RESULTING FROM FAILURE TO IDENTIFY SITE UTILITIES. REPAIR OR RESTORE ALL DAMAGED UTILITIES AT NO COST TO THE GOVERNMENT.
4. PERMITS: OBTAIN ALL REQUIRED PERMITS AND SCHEDULE THIRD-PARTY INSPECTIONS AT THE CONTRACTOR'S EXPENSE. SECURE AND PAY FOR ALL REQUIRED PERMITS FROM GOVERNMENTAL AGENCIES AND UTILITY COMPANIES.

DIMENSIONS

1. DIMENSIONS HAVE PRECEDENCE OVER SCALE.
2. FIELD VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH WORK.

DEFINITIONS

1. ALL MATERIALS, ITEMS, AND WORK NOTED ARE "NEW", UNLESS OTHERWISE INDICATED AS "EXISTING".
2. "PROVIDE" MEANS FURNISH AND INSTALL NEW ITEM(S) AS DETAILED OR NOTED.
3. "NOT IN CONTRACT (NIC)" MEANS ITEM(S) INDICATED IS NOT INCLUDED IN CONTRACTOR'S SCOPE OF WORK. COORDINATE AND SCHEDULE WORK TO ALLOW THE STATE (DOT HARBORS) AND THEIR REPRESENTATIVE ACCESS TO THE JOB SITE.

BIDDING

1. CONTRACTOR SHALL VISIT THE SITE DURING BIDDING TO VERIFY EXISTING CONDITIONS. BID SHALL BE BASED ON ACTUAL CONDITIONS.
2. ONLY DURING BIDDING SHALL THE CONTRACTOR SUBMIT, IN WRITING, ANY REQUESTS FOR MODIFICATION TO THE PLANS AND SPECIFICATIONS TO BE APPROVED BY THE STATE (DOT HARBORS). SUCH CHANGES TO THE PLANS AND SPECIFICATIONS BECOME THE RESPONSIBILITY OF THE CONTRACTOR.

CONSTRUCTION

1. THE GENERAL/PRIME CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND QUALITY OF WORK. COORDINATE, MANAGE, AND SUPERVISE ALL CONSTRUCTION WORK. CONTRACTOR SHALL PROMPTLY NOTIFY THE STATE (DOT HARBORS) AND THEIR REPRESENTATIVE, IN WRITING, OF ANY DISCREPANCIES AND/OR CONDITIONS WHICH PREVENT FULFILLING THE TERMS OF THE CONTRACT.
2. WHERE NOT MORE SPECIFICALLY DESCRIBED, WORKMANSHIP SHALL CONFORM TO THE BEST STANDARDS AND BEST PRACTICES OF THE INDUSTRY, TRADE, OR TRADES INVOLVED, AND SHALL INCLUDE ALL ITEMS OF FABRICATION, CONSTRUCTION AND INSTALLATION REGULARLY FURNISHED OR REQUIRED FOR COMPLETION (INCLUDING ANY FINISH REQUIRED FOR SUCCESSFUL OPERATION) AT THE CONTRACTOR'S EXPENSE. WORK SHALL BE EXECUTED BY MECHANICS SKILLED IN THEIR RESPECTIVE LINES OF WORK.
3. DOCUMENT EXISTING CONDITIONS WITHIN THE PROJECT LIMITS BEFORE THE START OF THE PROJECT. REPAIR DAMAGES WITHIN THE PROJECT LIMITS UNLESS PREVIOUSLY DOCUMENTED.
4. VERIFY ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS PRIOR TO BEGINNING ANY WORK. NOTIFY THE STATE (DOT HARBORS) AND THEIR REPRESENTATIVE OF ANY DISCREPANCY AND/OR CONDITION WHICH WILL PREVENT FULFILLING THE TERMS OF THE CONTRACT. WHERE EXISTING CONDITIONS REQUIRE DETAILS AND/OR SPECIFICATIONS TO VARY FROM THE CONSTRUCTION DOCUMENTS, IMMEDIATELY NOTIFY THE STATE (DOT HARBORS) AND THEIR REPRESENTATIVE IN WRITING AND PROPOSE ALTERNATE METHODS AND MATERIALS FOR CONSIDERATION.
5. VERIFY QUANTITIES SHOWN AND/OR SPECIFIED IN THE DRAWINGS AND SPECIFICATIONS. BE FULLY RESPONSIBLE FOR ALL QUANTITIES.
6. GENERAL CONTRACTOR MUST REVIEW ALL SUBMITTALS AND COORDINATE THE WORK OF THE VARIOUS TRADES TO FIT ACTUAL CONDITIONS AND MAKE INTERFACING ADJUSTMENTS AS REQUIRED.
7. DO NOT USE GYPSUM BOARD MANUFACTURED IN CHINA. USE FIRE-RATED, MOISTURE-RESISTANT GYPSUM PANELS. INSTALL PER THE GYPSUM ASSOCIATION STANDARDS FOR FINISH LEVELS AND APPLICATION. GYPSUM BOARD USED IN CEILING MUST HAVE ANTI-SAG PROPERTIES.
8. DO NOT USE CHEMICALS THAT EMIT HAZARDOUS OR NOXIOUS ODORS (E.G., "GOOF-OFF") DURING OR IMMEDIATELY BEFORE NORMAL BUSINESS HOURS. USE SUCH MATERIALS ONLY AFTER HOURS. PROMPTLY REMOVE ALL OPEN CONTAINERS AND CONTAMINATED MATERIALS TO ALLOW ODORS TO DISSIPATE BEFORE THE NEXT BUSINESS DAY. SUBMIT MATERIAL SAFETY DATA SHEETS (MSDS) FOR REVIEW PRIOR TO USE.
9. MAINTAIN THE PROJECT SITE AND ADJACENT COMMON AREAS NEAT, AND CLEAN AT ALL TIMES DURING CONSTRUCTION. MAINTAIN TRASH AND DEBRIS IN COVERED CONTAINERS TO PREVENT RODENT ACTIVITY AT THE CONSTRUCTION SITE. PROVIDE ALL NECESSARY BARRICADES, TEMPORARY COVER, DUST CONTROL PARTITIONS, ETC. TO SCREEN/PROTECT AREAS OF OPERATION AND EQUIPMENT FROM NOISE, DUST, AND DAMAGE. BARRICADE ONLY THE MINIMUM SAFE DISTANCE NEEDED TO PERFORM OVERHEAD WORK. DO NOT BARRICADE AREAS FOR PARKING OR MATERIAL STORAGE.
10. CONTROL DUST IN WORK AREAS AND ON ACCESS PATHS. PREVENT TRACKING OF DUST INTO ADJACENT SPACES.
11. USE METHODOLOGIES THAT MINIMIZE AIRBORNE PARTICLES AND FUGITIVE DUST.
12. PROTECT ALL ITEMS, IN AND ABOVE GROUND, WITHIN THE PROJECT SITE FROM DAMAGE. REPLACE OR REPAIR AT NO COST TO THE STATE (DOT HARBORS) DAMAGE TO BUILDINGS, SIDEWALKS, UTILITIES, LANDSCAPING, HOSE BIBBS, ETC.
13. PATCH ALL SURFACES EXPOSED FROM CUTTING AND/OR REMOVAL WORK. MATCH ADJACENT SURFACE MATERIAL AND FINISH.
14. PROMPTLY REMOVE AND PROPERLY DISPOSE OF WASTE MATERIALS DAILY, OUTSIDE PROPERTY LIMITS. AT THE END OF THE CONSTRUCTION, ALL ITEMS AND EQUIPMENT TEMPORARILY REMOVED DURING CONSTRUCTION MUST BE REINSTALLED AS INDICATED, OR IN A LOCATION APPROVED BY THE STATE (DOT HARBORS).
15. PAINT APPLICATION MUST BE BY BRUSH AND ROLLER ONLY.
16. INSTALL OWNER-FURNISHED EQUIPMENT AND PROVIDE ANY REQUIRED HARDWARE OR SYSTEMS (E.G., CONDUIT, CABLING) TO MAKE THE EQUIPMENT FULLY FUNCTIONAL PER MANUFACTURER'S SPECIFICATIONS. VERIFY AND ADJUST SIZE OF RAISED EQUIPMENT PADS (IE. CONCRETE PADS) TO MEET MINIMUM REQUIREMENTS OF THE SELECTED EQUIPMENT. MINIMIZE SPATIAL ENCROACHMENT AROUND INSTALLED EQUIPMENT.
17. COORDINATE FINAL EQUIPMENT LOCATIONS WITH THE STATE (DOT HARBORS) PRIOR TO MAKING FINAL CONNECTIONS.
18. CONFIRM LOCATIONS AND VERIFY REQUIREMENTS OF DEPRESSED SLABS.
19. SEAL ALL JOINTS IN THE BUILDING ENVELOPE, FLOOR SLABS, BELOW GRADE WALLS, AND AROUND ALL PIPE AND CONDUIT PENETRATIONS.
20. MAINTAIN NOISE LEVELS AT OR BELOW 85 DECIBELS (dB), PER OSHA 1910.95. IF NOISE MAY BECOME EXCESSIVE, COORDINATE WITH THE STATE (DOT HARBORS) AND THEIR REPRESENTATIVE TO RESOLVE THE ISSUE.
21. WHERE WARRANTIES ARE SPECIFIED, CONTRACTOR'S BID SHALL INCLUDE FULL COMPLIANCE OF ALL CONDITIONS REQUIRED BY THE WARRANTIES. WHERE THE MANUFACTURER'S WARRANTY INCLUDE FULL COMPLIANCE WITH WARRANTY REQUIREMENTS IN BID. IF MANUFACTURER'S RECOMMENDATIONS VARY FROM CONSTRUCTION DOCUMENTS, COMPLY WITH THE STRICTER REQUIREMENT UNLESS IT VOIDS THE WARRANTY.
22. INFORM THE STATE (DOT HARBORS) IN WRITING, PROVIDE SHOP DRAWINGS AND AS-BUILT DRAWINGS FOR DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS FOR REVIEW AND APPROVAL.

ACCESSIBILITY REQUIREMENTS

1. THIS PROJECT SHALL CONFORM TO THE REQUIREMENTS OF THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
2. ALL EXTERIOR LANDINGS AT DOORS SHALL SLOPE NOT MORE THAN 1:50 (2%) IN ANY DIRECTION.
3. ALL ACCESSIBLE WALKWAYS SHALL HAVE A MAXIMUM SLOPE OF 1:20 (5%) IN THE DIRECTION OF TRAVEL, AND 1:50 (2%) CROSS SLOPE.

FIRE CODE / FIRE SAFETY NOTES

1. FIRE SAFETY DURING CONSTRUCTION, ALTERATION OR DEMOLITION MUST COMPLY WITH THE REVISED ORDINANCES OF HONOLULU (ROH) CHAPTER 20 - FIRE CODE: NFPA 1 FIRE CODE, 2021, W/ CITY AMENDMENTS (AMM) THAT INCLUDE STATE MODIFICATIONS (HAWAII REVISED STATUTES (HRS) CHAPTER 132).

THE REVISED ORDINANCES OF HONOLULU (ROH)

1. ROH CHAPTER 18 FEES AND PERMITS FOR BUILDING, ELECTRICAL, PLUMBING, AND SIDEWALK CODES; 18-5.2 RETENTION OF PLANS.
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 ONE 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. ORDINANCE 93-59)
3. ENSURE FIRE ALARM SYSTEM AUDIBILITY AND VISIBILITY IS ADEQUATE THROUGH ALL OCCUPIABLE AREAS AND SPACES. THIS WILL BE THOROUGHLY CHECKED AT TIME OF FIRE ALARM ACCEPTANCE TESTING.

NFPA 241 SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS

1. 16.1.1 STRUCTURES UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITION OPERATIONS, INCLUDING THOSE IN UNDERGROUND LOCATIONS, SHALL COMPLY WITH NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATIONS, AND DEMOLITION OPERATIONS, AND CHAPTER 16.
2. A FIRE PROTECTION PLAN MUST BE ESTABLISHED WHERE REQUIRED BY THE AHJ.
3. 16.4.3.1.1 A WATER SUPPLY FOR FIRE PROTECTION, EITHER TEMPORARY OR PERMANENT, SHALL BE MADE AVAILABLE AS SOON AS COMBUSTIBLE MATERIAL ACCUMULATES. (241:8.7.2.1).

GENERAL REQUIREMENTS: 2021 NFPA 1, FIRE CODE OF THE CITY AND COUNTY OF HONOLULU, ROH, CHAPTER 20

1. 1.9.4 THIS CODE SHALL NOT BE CONSTRUED TO RELIEVE FROM OR LESSEN THE RESPONSIBILITY OF ANY PERSON OWNING, OPERATING, OR CONTROLLING ANY BUILDING OR STRUCTURE FOR ANY DAMAGES TO PERSONS OR PROPERTY CAUSED BY DEFECTS, NOR SHALL THE CODE ENFORCEMENT AGENCY OR ITS PARENT JURISDICTION BE HELD AS ASSUMING ANY SUCH LIABILITY BY REASON OF THE INSPECTIONS AUTHORIZED BY THIS CODE OR ANY PERMITS OR CERTIFICATES ISSUED UNDER THIS CODE.
2. 10.1.1 EVERY NEW AND EXISTING BUILDING OR STRUCTURE SHALL BE CONSTRUCTED, ARRANGED, EQUIPPED, MAINTAINED, AND OPERATED IN ACCORDANCE WITH THIS CODE SO AS TO PROVIDE A REASONABLE LEVEL OF LIFE SAFETY, PROPERTY PROTECTION, AND PUBLIC WELFARE FROM THE ACTUAL AND POTENTIAL HAZARDS CREATED BY FIRE, EXPLOSION, AND OTHER HAZARDOUS CONDITIONS.
3. 10.1.2 LIFE SAFETY CODE. EVERY NEW AND EXISTING BUILDING SHALL COMPLY WITH THIS CODE AND NFPA 101, LIFE SAFETY CODE.
4. 10.2.5 THE OWNER, OPERATOR, OCCUPANT, OR ANY PERSON IN CONTROL OF A BUILDING OR PREMISES SHALL KEEP RECORDS OF ALL MAINTENANCE, INSPECTIONS, AND TESTING OF FIRE PROTECTION SYSTEMS, FIRE ALARM SYSTEMS, SMOKE CONTROL SYSTEMS, EMERGENCY EVACUATION AND RELOCATION DRILLS, EMERGENCY ACTION PLANS, EMERGENCY POWER, ELEVATORS, AND OTHER EQUIPMENT AS REQUIRED BY THE AHJ.
5. 10.2.6 ALL RECORDS REQUIRED TO BE KEPT SHALL BE MAINTAINED UNTIL THEIR USEFUL LIFE HAS BEEN SERVED, AS REQUIRED BY LAW, OR AS REQUIRED BY THE AHJ.
6. 13.7.1.9.6 UNLESS OTHERWISE PROVIDED IN 13.7.1.9.6 THROUGH 13.7.1.9.6.8, NOTIFICATION SIGNALS FOR OCCUPANTS TO EVACUATE SHALL BE BY AUDIBLE AND VISIBLE SIGNALS IN ACCORDANCE WITH NFPA 72 AND ICC/ANSI A117.1, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, OR OTHER MEANS OF NOTIFICATION ACCEPTABLE TO THE AHJ. (101:9.6.3.6)
7. 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.
8. NFPA 72; 10.4.5* UNLESS OTHERWISE PERMITTED BY 10.4.6, IN AREAS THAT ARE NOT CONTINUOUSLY OCCUPIED, EARLY WARNING FIRE DETECTION SHALL BE AT THE LOCATION OF EACH CONTROL UNIT(S), NOTIFICATION APPLIANCE CIRCUIT POWER EXTENDER(S), AND SUPERVISING STATION TRANSMITTING EQUIPMENT TO PROVIDE NOTIFICATION OF FIRE AT THAT LOCATION BY ONE OF THE FOLLOWING MEANS:
   A. AN AUTOMATIC SMOKE DETECTOR AT THE LOCATION OF EACH CONTROL UNIT(S), NOTIFICATION APPLIANCE CIRCUIT POWER EXTENDER(S), AND SUPERVISING STATION TRANSMITTING EQUIPMENT.
   B. AN AUTOMATIC HEAT DETECTOR WHERE AMBIENT CONDITIONS PROHIBIT INSTALLATION OF AN AUTOMATIC SMOKE DETECTOR.
9. 1.1 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 INSTALLATION, REHABILITATION, OR MODIFICATION. AHJ SHALL HAVE THE AUTHORITY TO REQUIRE TESTS OF THE SYSTEM BE PERFORMED IN THE AHJ'S PRESENCE PRIOR TO FINAL SYSTEM CERTIFICATION.

DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS

1. 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, NATIONAL FIRE ALARM AND SIGNALING CODE, AND SECTION 13.7.
2. 13.7.1.9.6 UNLESS OTHERWISE PROVIDED IN 13.7.1.9.6.1.1 THROUGH 13.7.1.9.6.8, NOTIFICATION SIGNALS FOR OCCUPANTS TO EVACUATE SHALL BE BY AUDIBLE AND VISIBLE SIGNALS IN ACCORDANCE WITH NFPA 72 AND ICC/ANSI A117.1, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, OR OTHER MEANS OF NOTIFICATION ACCEPTABLE TO THE AHJ. (101:9.6.3.6)

STATIONARY GENERATORS AND STANDBY POWER SYSTEMS

1. 11.7.3.1 GENERAL. NEW STATIONARY GENERATORS FOR EMERGENCY USE OR FOR LEGALLY REQUIRED STANDBY POWER REQUIRED BY THIS CODE, THE BUILDING CODE, OR OTHER CODES AND STANDARDS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 110, STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS.

FLAMMABLE AND COMBUSTIBLE LIQUIDS

1. 66.1.1* THE STORAGE, USE, AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS, INCLUDING WASTE LIQUIDS, SHALL COMPLY WITH THIS CHAPTER, NFPA 30, FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE, AND SECTIONS 60.1 THROUGH 60.4 OF THIS CODE.
2. 66.25.13.1 VENT PIPES THAT ARE PROVIDED FOR NORMAL TANK VENTING SHALL TERMINATE OUTSIDE THE VAULT AND AT LEAST 12 FEET (3.6 M) ABOVE GROUND LEVEL AND SHALL MEET THE REQUIREMENTS OF 27.8.1 OF NFPA 30.
3. 66.22.13.4 FILLING AND EMPTYING CONNECTIONS FOR CLASS I, CLASS II, AND CLASS IIIA LIQUIDS THAT ARE CONNECTED AND DISCONNECTED SHALL BE LOCATED OUTSIDE OF BUILDINGS AT A LOCATION FREE FROM ANY SOURCE OF IGNITION. THEY SHALL BE LOCATED NOT LESS THAN 5 FEET AWAY FROM ANY BUILDING OPENING. SUCH CONNECTIONS FOR ANY LIQUID SHALL BE CLOSED AND LIQUID TIGHT WHEN NOT IN USE AND SHALL BE PROPERLY IDENTIFIED.
4. 66.21.7.2.1 EMERGENCY RESPONSE IDENTIFICATION. A SIGN OR MARKING THAT MEETS THE REQUIREMENTS OF NFPA 704, STANDARD SYSTEM FOR THE IDENTIFICATION OF THE HAZARDS OF MATERIALS FOR EMERGENCY RESPONSE, OR AN EQUIVALENT SYSTEM SHALL BE APPLIED TO STORAGE TANKS CONTAINING LIQUIDS. THE MARKING MUST NOT NEED TO BE APPLIED DIRECTLY TO THE TANK BUT SHALL BE LOCATED WHERE IT CAN READILY BE SEEN, SUCH AS ON THE SHOULDER OF AN ACCESSWAY OR WALKWAY TO THE TANK OR TANKS OR ON THE PIPING OUTSIDE OF THE DIKED AREA. IF MORE THAN ONE TANK IS INVOLVED, THE MARKINGS SHALL BE SO LOCATED THAT EACH TANK CAN READILY BE IDENTIFIED.

MANUAL FIRE ALARM BOXES

1. 13.7.1.7.3 A MANUAL FIRE ALARM BOX SHALL BE PROVIDED AS FOLLOWS, UNLESS MODIFIED BY ANOTHER SECTION OF THIS CODE:
   A. FOR NEW ALARM SYSTEM INSTALLATIONS, THE MANUAL FIRE ALARM BOX SHALL BE LOCATED WITHIN 60 INCHES (1525 MM) OF EXIT DOORWAYS.
   B. FOR EXISTING ALARM SYSTEM INSTALLATIONS, THE MANUAL FIRE ALARM BOX EITHER SHALL BE PROVIDED IN THE NATURAL EXIT PATH NEAR EACH REQUIRED EXIT OR WITHIN 60 INCHES (1525 MM) OF EXIT DOORWAYS.
2. 13.7.1.7.5* ADDITIONAL MANUAL FIRE ALARM BOXES SHALL BE LOCATED SO THAT, ON ANY GIVEN FLOOR IN ANY PART OF THE BUILDING, NO HORIZONTAL DISTANCE ON THAT FLOOR EXCEEDING 200 FEET (61 M) MUST NEED TO BE TRAVERSED TO REACH A MANUAL FIRE ALARM BOX. (101:9.6.2.5)
3. 13.7.1.7.7* MANUAL FIRE ALARM BOXES SHALL BE ACCESSIBLE, UNOBSTRUCTED, AND VISIBLE (101:9.6.2.7)

FIRE EXTINGUISHER NOTES

1. PROVIDE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 1 FIRE CODE AND NFPA 10 STANDARD FOR PORTABLE FIRE EXTINGUISHERS.

FIRE DEPARTMENT ACCESS AND WATER SUPPLIES

1. 18.2.1 FIRE DEPARTMENT ACCESS AND FIRE DEPARTMENT ACCESS ROADS SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH SECTION 18.2.

1. 18.2.1 FIRE DEPARTMENT ACCESS AND FIRE DEPARTMENT ACCESS ROADS SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH SECTION 18.2.

REVISION	DATE	DESCRIPTION	BY	APPROVED

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
GENERAL NOTES

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

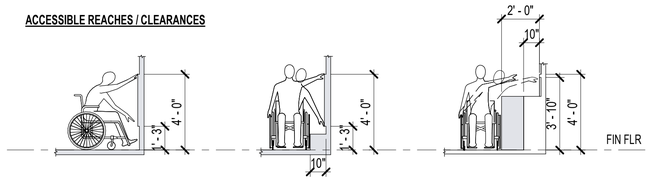
JOB NUMBER
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SHEET
A-002
85 OF 273 SHTS

FINAL SUBMITTAL - MAY 2026

ADA FIXTURES AND TYPICAL MOUNTING HEIGHTS

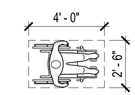
ACCESSIBLE REACHES / CLEARANCES



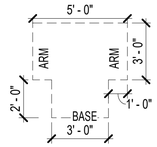
UNOBSTRUCTED FORWARD REACH — 308.2.1 UNOBSTRUCTED

UNOBSTRUCTED SIDE REACH — 308.3.1 UNOBSTRUCTED

OBSTRUCTED HIGH SIDE REACH — 308.3.2 OBSTRUCTED HIGH REACH

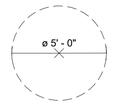


CLEAR FLOOR OR GROUND SPACE — 305.3 SIZE

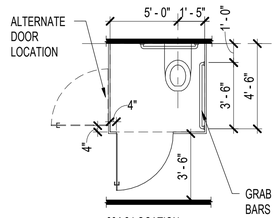


T-SHAPED TURNING SPACE — 304.3.2 T-SHAPED SPACE

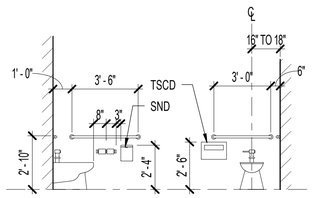
304.3.1 CIRCULAR SPACE



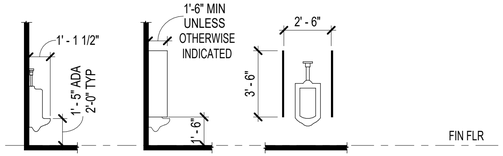
TOILET/URINAL/RESTROOM ACCESSORIES



604.2 LOCATION
604.8.1.2 DOORS



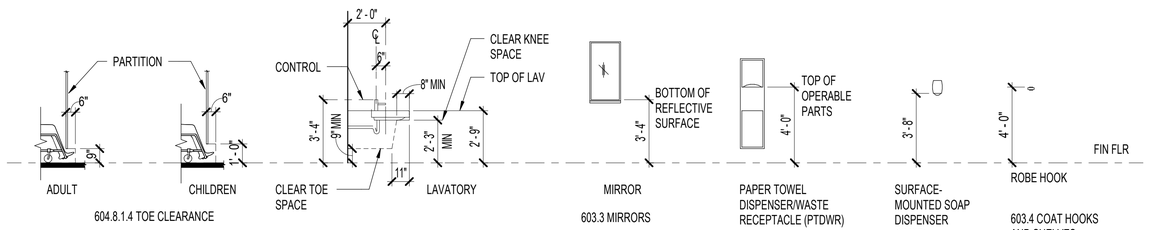
FLOOR MOUNTED TOILET W/ TOILET TISSUE DISPENSER (TTD), SANITARY NAPKIN DISPOSAL (SND)



WALL HUNG TYPE URINAL

URINAL PARTITION

605.2 HEIGHT AND DEPTH

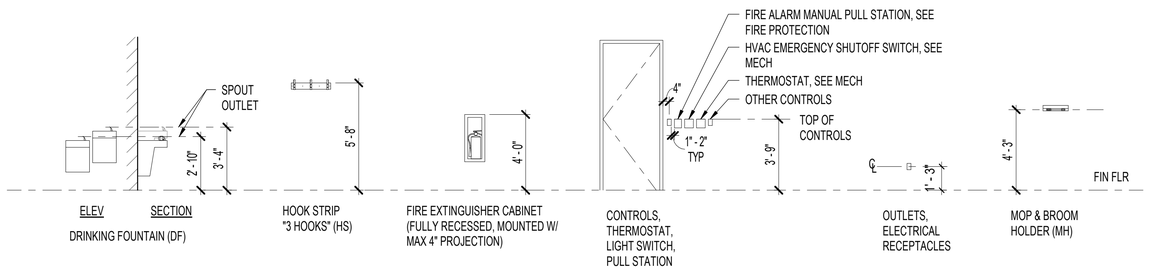


604.8.1.4 TOE CLEARANCE

603.3 MIRRORS

603.4 COAT HOOKS AND SHELVES

MISCELLANEOUS



DRINKING FOUNTAIN (DF)

HOOK STRIP "3 HOOKS" (HS)

FIRE EXTINGUISHER CABINET (FULLY RECESSED, MOUNTED W/ MAX 4" PROJECTION)

CONTROLS, THERMOSTAT, LIGHT SWITCH, PULL STATION

FIRE ALARM MANUAL PULL STATION, SEE FIRE PROTECTION

HVAC EMERGENCY SHUTOFF SWITCH, SEE MECH

THERMOSTAT, SEE MECH

OTHER CONTROLS

TOP OF CONTROLS

OUTLETS, ELECTRICAL RECEPTACLES

MOP & BROOM HOLDER (MH)

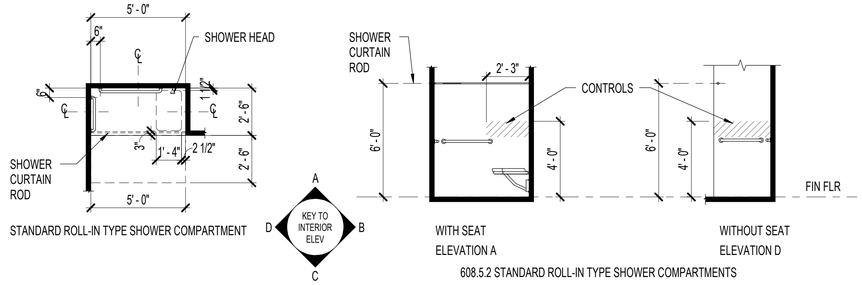
GENERAL NOTES:

1. NOT ALL ITEMS SHOWN MAY BE USED.
2. ALL TYPICAL DIMENSIONS SHOWN ARE ABSOLUTE UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS ARE SHOWN TO FACE OF FINISH UNLESS NOTED OTHERWISE. TYP THIS SHT ONLY.
4. USE BACKING PLATES AT ALL SURFACE MOUNTED ACCESSORIES.
5. SEE SPECIFICATION FOR APPLICABLE ACCESSORIES AND FIXTURES.

SIGNAGE NOTES:

1. ALL REQUIRED ADA PICTOGRAM AND NON-PICTOGRAM SIGNS SHALL BE MOUNTED 60" A.F.F. TO THE CENTERLINE ON ITS EQUIVALENT VERBIAGE/BRAILLE PERMANENT ROOM AND SPACE DESIGNATIONS.

2. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL MOUNTED PER NOTE 1 ABOVE. IN ADDITION, SIGNS SHALL BE PLACED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGN WITHOUT ENCOUNTERING PROJECTING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

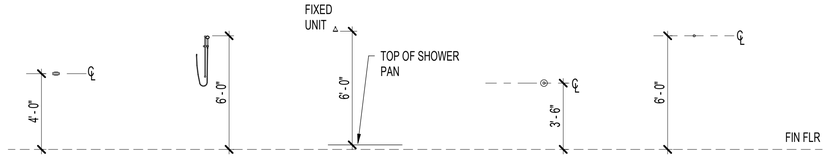


STANDARD ROLL-IN TYPE SHOWER COMPARTMENT

WITH SEAT
ELEVATION A

WITHOUT SEAT
ELEVATION D

608.5.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENTS



COAT/ROBE HOOK & ROD

ADJUSTABLE SHOWER HEAD

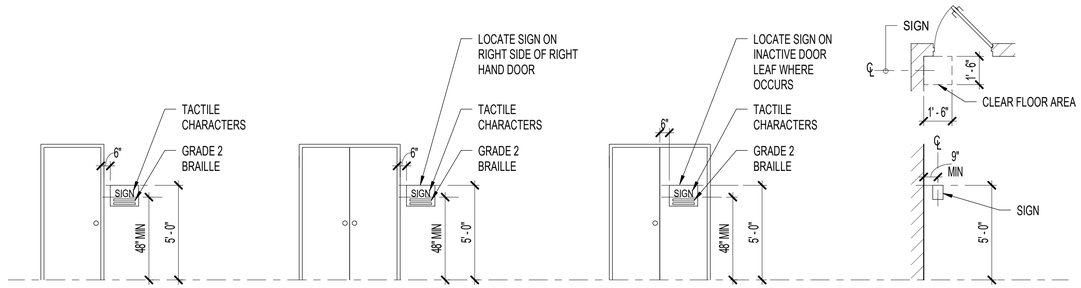
SHOWER HEAD

SHOWER CONTROLS

SHOWER CURTAIN ROD

603.4 COAT HOOKS AND SHELVES

608.5.1 TRANSFER TYPE SHOWER COMPARTMENTS



SIGN IDENTIFICATION FOR ROOM OR SPACE OR EXIT (703.4)

SIGN IDENTIFICATION FOR ROOM OR SPACE OR EXIT - TWO ACTIVE LEAFS (703.4)

SIGN IDENTIFICATION FOR ROOM OR SPACE OR EXIT - ONE ACTIVE LEAF (703.4)

SIGN IDENTIFICATION FOR ROOM OR SPACE OR EXIT ON ADJACENT WALL (703.4)

SIGNAGE NOTES:

1. SIGNS SHALL BE PLACED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGN WITHOUT ENCOUNTERING PROJECTING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.
2. BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. TACTILE CHARACTERS THAT HAVE A RECTANGULAR CROSS SECTION SHALL BE SEPARATED 1/8 INCH MINIMUM FROM ANY OTHER TACTILE CHARACTERS AND 3/8 INCH MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS.

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
ADA FIXTURES AND TYPICAL MOUNTING HEIGHTS

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
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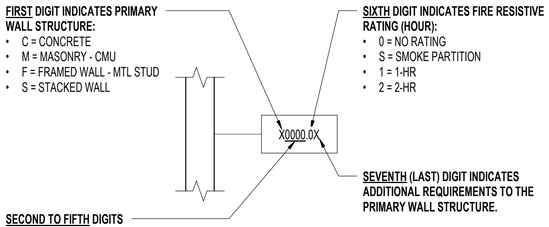
SHEET
A-003
86 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026

WALL TYPES SYMBOL DEFINITION & LEGEND

WALL TYPE SYMBOL DEFINITION:

UNLESS NOTED OTHERWISE, WALL TYPES SHALL BE DEFINED AS FOLLOWS:



FIRST DIGIT INDICATES PRIMARY WALL STRUCTURE:
- C = CONCRETE
- M = MASONRY - CMU
- F = FRAMED WALL - MTL STUD
- S = STACKED WALL

SIXTH DIGIT INDICATES FIRE RESISTIVE RATING (HOUR):
- 0 = NO RATING
- S = SMOKE PARTITION
- 1 = 1-HR
- 2 = 2-HR

SECOND TO FIFTH DIGITS INDICATE PRIMARY WALL STRUCTURE THICKNESS:
- 0212 = 2-1/2"
- 0358 = 3-5/8"
- 0600 = 6"
- 0800 = 8"
- 1000 = 10"
- 1200 = 12"
- 1200 = 12", LAYER OF 3-5/8" METAL STUD AND LAYER OF 6" METAL STUD WITH 2-1/2" AIR SPACE IN BETWEEN.

SEVENTH (LAST) DIGIT INDICATES ADDITIONAL REQUIREMENTS TO THE PRIMARY WALL STRUCTURE.

WALL TYPE LEGEND:

EXTERIOR STACKED WALL, SEE ALSO STRUCT.

EXTERIOR/INTERIOR MASONRY WALL, SEE ALSO STRUCT.

INTERIOR STACKED PARTITION WALL, SEE ALSO STRUCT.

INTERIOR FRAMED PARTITION WALL

INTERIOR FRAMED PARTITION WALL W/ INSULATION

1-HR FIRE-RESISTIVE PARTITION/BARRIER. FOR FIRE STOPPING PENETRATIONS, SEE SHTA-521 TO A-523

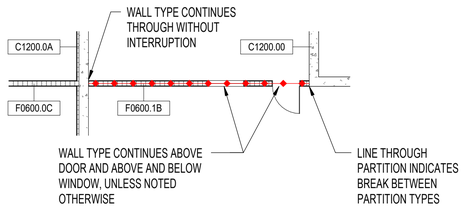
2-HR FIRE-RESISTIVE BARRIER. FOR FIRE STOPPING PENETRATIONS, SEE SHTA-521 TO A-523

NOTE:
1. FOR EXTERIOR WALL TYPE DETAILS, SEE SHTA-501 TO A-503
2. FOR INTERIOR PARTITION WALL TYPE DETAILS, SEE SHTA-511 TO A-512

METAL STUD PARTITION NOTES:
1. THE MINIMUM REQUIREMENTS FOR CONSTRUCTION OF EACH PARTITION TYPE AS EXPRESSED BY THE INDICATED FIRE RESISTANCE RATING ARE INCORPORATED BY REFERENCE AND SHALL APPLY. HOWEVER, ADDITIONAL AND/OR MORE RESTRICTIVE REQUIREMENTS THAT MAY BE INDICATED BY THE DRAWINGS AND SPECIFICATIONS SHALL ALSO APPLY AND GOVERN. SUCH REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:
   - USE 5/8" THICK GYPSUM BOARD THROUGHOUT, UNLESS A SPECIAL TYPE (TYPE "X" OR TILE BACKING BOARD), IS NOTED OTHERWISE.
   - USE 16" OC MAX STUD SPACING UNLESS NOTED OTHERWISE. THE SPACING INDICATED BY THE REFERENCED UL DESIGN, GA DESIGN, OR TEST REPORT IS THE MAXIMUM SPACING.
   - USE STUDS OF GAUGE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS. THE GAUGE INDICATED BY THE REFERENCED UL DESIGN, GA DESIGN, OR TEST REPORT IS THE MINIMUM GAUGE.
   - USE STUDS OF DEPTH INDICATED BY THE DRAWINGS. THE DEPTH INDICATED BY THE REFERENCED UL DESIGN, GA DESIGN, OR TEST REPORT IS THE MINIMUM DEPTH.
2. WET ROOMS: INSTALL 5/8" GLASS MAT FACED MOLD & MOISTURE RESISTANT GYPSUM BOARD WHERE GYPSUM BOARD OCCURS, (TYPE "X" IN FIRE RESISTIVE RATED ASSEMBLIES) IN THE BASIC PARTITION ASSEMBLY AT THE FOLLOWING LOCATIONS:
   - BEHIND ALL SINKS AND WET ROOMS/AREAS (INCLUDING, JANITOR'S CLOSET, WATER COOLER (WC) AREA, WOMEN'S & MEN'S RESTROOMS, SHOWER ROOMS, LOCKER ROOMS, AND BREAK ROOM).
   - WITHIN 24" HORIZONTALLY AND 48" VERTICALLY OF SERVICE AND MOP SINKS.
   - AT OTHER LOCATIONS AS INDICATED IN THE DRAWINGS.

FIRE RESISTIVE JOINT SYSTEM AND THROUGH PENETRATION FIRESTOPPING:
1. ALL FLOOR, WALL, AND CEILING PENETRATIONS THROUGH THE FIRE RESISTIVE RATED FLOOR AND WALL ASSEMBLIES SHALL BE FIRESTOPPED WITH UL 1479 TESTED THROUGH PENETRATION FIRESTOP SYSTEMS.
2. ALL JOINTS (CONSISTING OF ADJACENT WALL AND/OR FLOOR ASSEMBLIES) IN AND/OR BETWEEN FIRE RESISTANCE RATED CONSTRUCTION AND SMOKE BARRIERS, SHALL BE PROVIDED WITH A UL 2079 TESTED JOINT SYSTEM.

WALL TYPES SYMBOL USE ON PLANS:



REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
ARCHITECTURAL WALL TYPE LEGEND

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
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87 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026

EXST EASEMENT "6" FOR JOINT USE ROADWAY PURPOSES IN FAVOR OF SERVICO PACIFIC, INC.

EXST JET FUEL DELIVERY TAKE-OFF FACILITY SITE EASEMENT "A-1"

HECO DUCTLINE

EASEMENT

15'-0"

45'-0"

30'-0"

45'-0"

10'-0"

EXST ELEC LINE EASEMENT "4"

EXST ACCESS EASEMENT "5"

EXST ACCESS & UTILITY EASEMENT "1"

EXST COMM CABLE EASEMENT "A"

℄ OF EXST 3' WIDE FUEL PIPELINE EASEMENT "F-1"

ROAD 2 (STATE)

DRIVEWAY 1

AST/WASHRACK CANOPY (A / A-151)

WATER METER, SEE CIVIL

FIRE LINE METER, SEE CIVIL

BACKFLOW PREVENTER, SEE CIVIL

FW.A

FW.1

CENTER OF STRUCT COLUMN, SEE CIVIL

WASH RACK

PUMP

AST (GASOLINE)

AST (DISEL)

FUEL LANE

TRASH ENCLOSURE

JOINT UTILITY POLE W/ GUY WIRE & ANCHORS, SEE ALSO ELEC

REMOVE JOINT UTILITY POLE W/ GUY WIRE & ANCHORS, SEE ALSO ELEC

FUEL EMERGENCY SHUTOFF SWITCH

AUIKI STREET

501'-0"

EXST 4.5' WIDE FUEL PIPELINE EASEMENT "P-2"

EXST 10' WIDE FUEL PIPELINE EASEMENT "P-1"

DRIVEWAY 2

RELOCATED BACKFLOW PREVENTER SERVICING EXST HAWAII DEPARTMENT OF AGRICULTURE PLANT QUARANTINE PROPERTY, SEE CIVIL

EXST SEWER/WATER LINE CLEARANCE SEE CIVIL

25'-0"

100'-0"

14'-0"

GS01

FH

FDC PV CANOPY, SEE FIRE PROTECTION

CONC SIDEWALK, SEE CIVIL

INFRASTRUCTURE FOR FUTURE EV CHARGING STATION, SEE ELEC, TYP OF 4

10'-6" X 35' STALLS, TYP

BID OPTION - PARKING CANOPY (A / A-131)

10' X 25' STALLS, TYP

PV.M

PV.1

CENTER OF STRUCT COLUMN, SEE CIVIL

ST.A

ST.1

8'-0"

8'-0"

60'-0"

PORTABLE GENERATOR (NIC)

PULL BOX, SEE ELEC

PARKING CANOPY PV EQUIPMENT, SEE ELEC

ROOF DASHED ABOVE

MATERIALS STORAGE CANOPY (A / A-141)

CONC SIDEWALK, SEE CIVIL

FDC MAINTENANCE SHOP, SEE FIRE PROTECTION

INFRASTRUCTURE FOR FUTURE EV CHARGING STATION, SEE ELEC,TYP OF 2

9' X 18' STALLS, TYP

A.1

A.2

A.3

A.4

A.5

88'-0"

266'-0"

ADMINISTRATION BUILDING (A / A-111)

BUILDING FFE, SEE CIVIL

OUTDOOR BREAK AREA

OUTDOOR WELDING AREA

MAINTENANCE SHOP - EWA WING (A / A-121)

MAINTENANCE SHOP - EWA WING (A / A-122)

BUILDING FFE, SEE CIVIL

RESERVED FOR FUTURE NURSERY TENT

130'-0"

38'-4"

S.1

S.2

S.3

6'-0" MIN CLR

2'-0" MIN CLR

2'-6" MIN CLR

CORNER OF BLDG STRUCT, SEE CIVIL

10'-0"

10'

CONC BOLLARDS, SEE CIVIL

TRANSFORMER & PAD, SEE ELEC. SEE ALSO CIVIL FOR CONC PAD

EXST DRAINAGE EASEMENT "7"

ROOF DASHED ABOVE

IMAGINARY PROPERTY LINE

EXST DRAINAGE EASEMENT "6"

393'-0"

558'-0"

393'-0"

EXST SANITARY SEWER EASEMENT "5"

EXST WATERLINE EASEMENT "3"

GS02

4'-2"

9'-6"

44'-0"

11'-0"

76'-4"

16'-8"

A.A A.B A.C A.D A.E S.A S.B S.C S.D S.E S.F S.G S.H S.I S.J S.K S.L S.M S.N S.O S.P S.Q

EXST HAWAII ORGANIC FARMING ASSOCIATION

EXST HAWAII DEPARTMENT OF AGRICULTURE PLANT QUARANTINE

A SITE PLAN

1" = 20'-0"

PLAN NORTH

PARKING LEGEND:

- **A#** EMPLOYEE PARKING STALLS (8'-6" X 18') - 83 TOTAL
- **B#** STATE VEHICLES (LT / MED DUTY)(9' X 18') - 42 TOTAL
- **C#** STATE VEHICLES (LG COMM TRUCKS & CONST EQUIPMENT) - 38 TOTAL
- **AC** ACCESS CONTROL

0 20' 40'

SCALE: 1" = 20'-0"

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

SITE PLAN

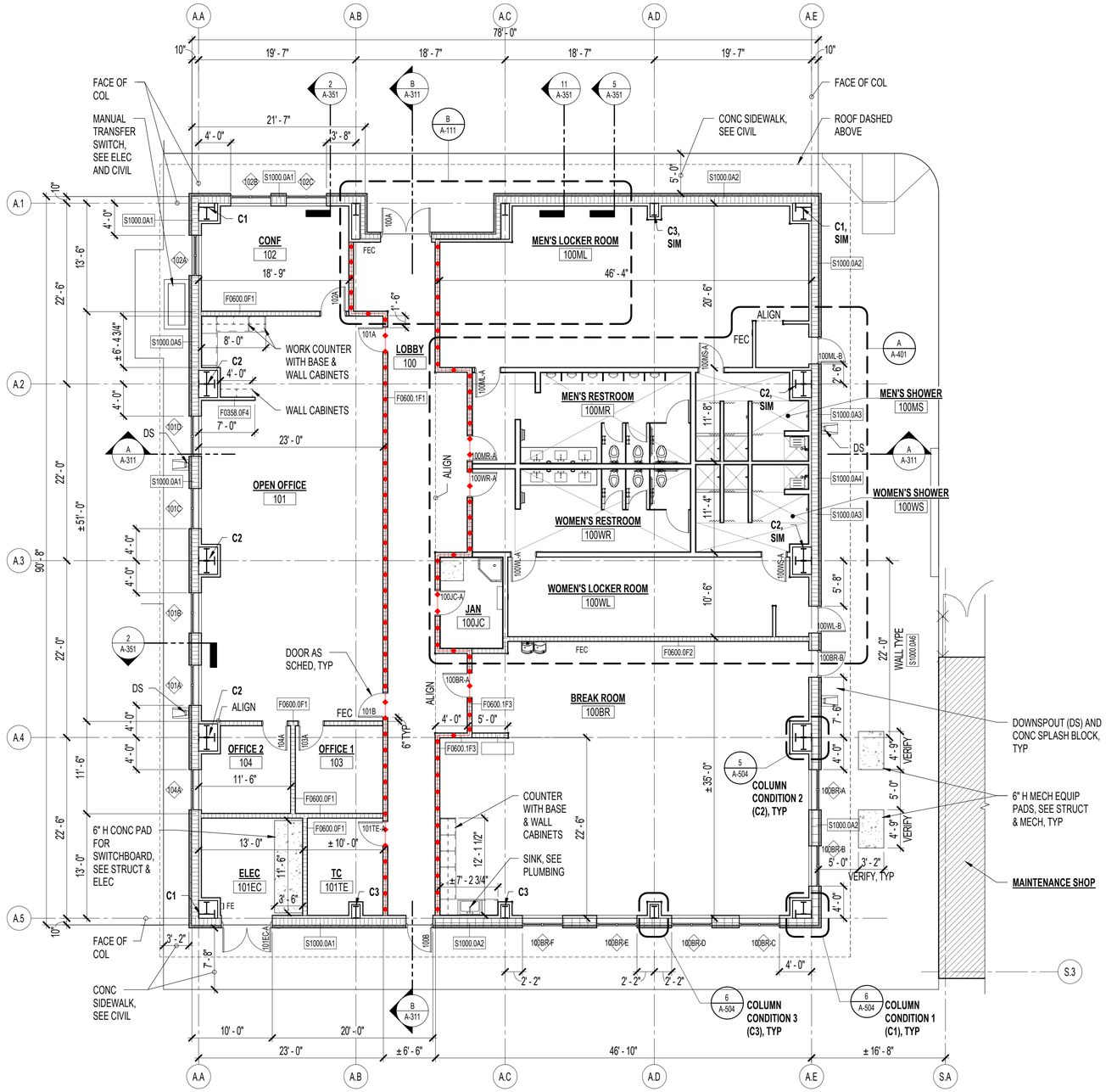
DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER P10882

SHEET A-101

88 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026

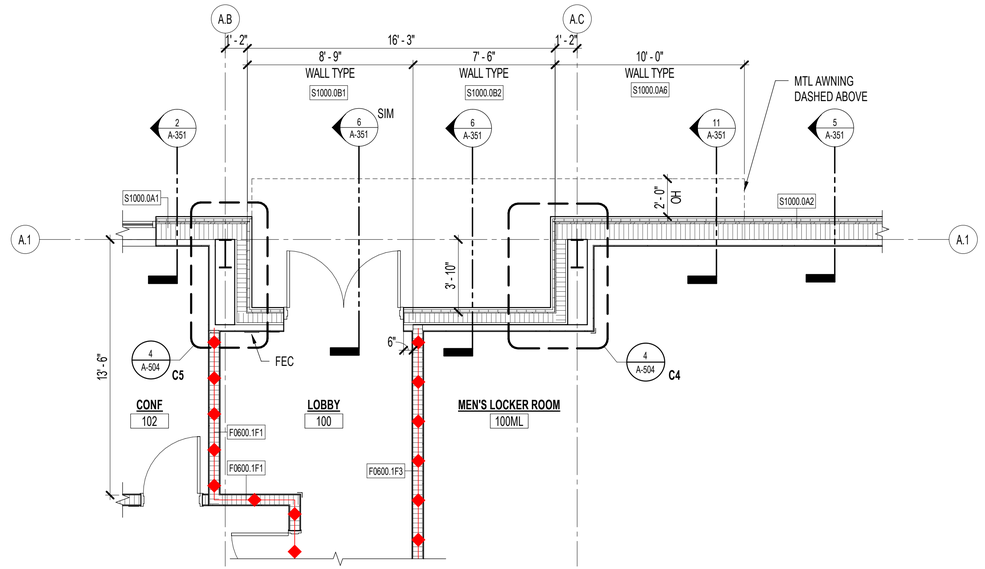


A FLOOR PLAN - ADMIN BUILDING

1/8" = 1'-0"

PLAN NORTH

KEY TO INTERIOR ELEV (A, B, C, D)



B ENLARGED FLOOR PLAN - MAIN ENTRANCE

1/4" = 1'-0"

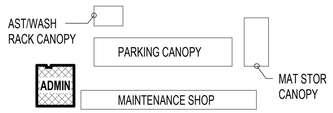
PLAN NORTH

KEY TO INTERIOR ELEV (A, B, C, D)

FLOOR PLAN NOTES:

1. FOR WALL TYPE LEGEND, SEE SHTA-004
2. FOR DOOR SCHEDULE AND TYPES, SEE SHTA-611
3. FOR WINDOW SCHEDULE AND TYPES, SEE SHTA-621
4. FOR LOUVER SCHEDULE AND TYPES, SEE SHTA-621
5. FOR ROOM FINISH SCHEDULE, SEE SHTA-602
6. FOR FF&E PLANS, SEE I-SHEETS.
7. FOR CONTROL JOINT LOCATIONS, SEE STRUCTURAL.
8. INSTALL DOORS AND FRAMES SO HINGE SIDE OF DOOR OPENING IS 6" FROM STRUCTURAL FACE OF ADJACENT PERPENDICULAR WALL UNLESS NOTED OTHERWISE.
9. FOR PLYWOOD BACKBOARD LOCATIONS, SEE TELECOM. PAINT BACKBOARD TO MATCH ADJACENT WALL COLOR.
10. VERIFY EQUIPMENT PAD DIMENSIONS WITH PLUMBING, MECHANICAL, AND ELECTRICAL EQUIPMENT. SEE ALSO STRUCT FOR CONSTRUCTION.
11. FOR PENETRATIONS THROUGH STRUCTURE, COORDINATE WITH OTHER DISCIPLINES. INSTALL PREFABRICATED TERMITE SHIELDS AT ALL PENETRATIONS THRU CONCRETE SLAB-ON-GRADE FOUNDATION.
12. ALL CONCRETE COLUMN AND WALL CORNERS SHALL BE CHAMFERED, SEE STRUCT.
13. BOLLARDS MUST BE 4' H STEEL PIPE BOLLARDS FILLED W/ CONC W/ YELLOW IMPACT PROTECTION SLEEVE, SEE ALSO STRUCT, TYP.

KEY PLAN - ADMINISTRATION (NTS)



0 4' 8' 16'

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
FLOOR PLAN - ADMINISTRATION

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

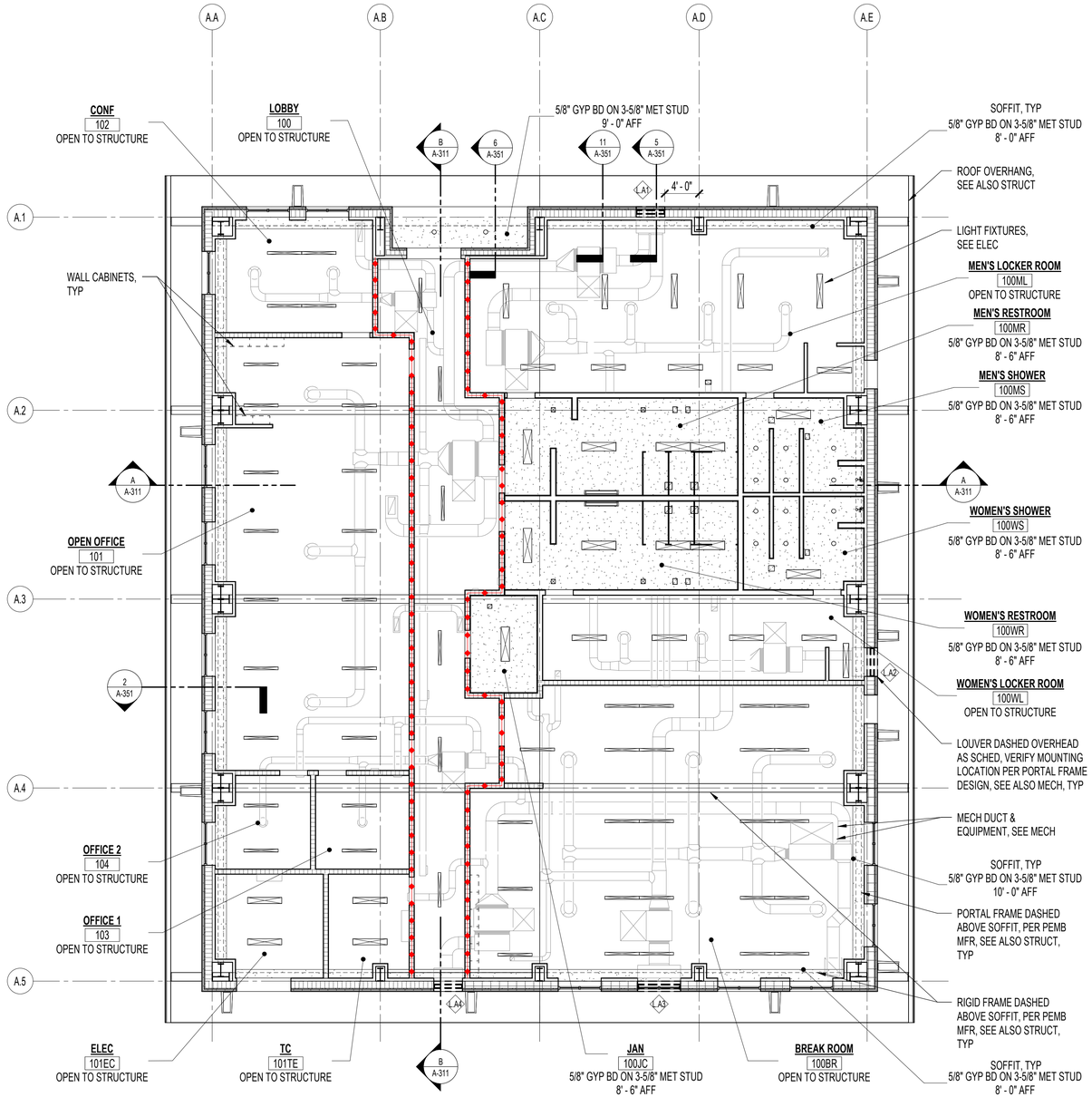
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SHEET A-111

89 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



CEILING NOTES:

1. CEILING HEIGHTS LISTED ARE TO FINISH FLOOR.
2. FOR FIRE SPRINKLER AND FIRE ALARM WORK, SEE FIRE PROTECTION.
3. EXIT SIGNS, SEE LIFE SAFETY AND ELECTRICAL.

CEILING LEGEND:

- OPEN TO STRUCTURE
- GYP BD CEILING
- LIGHT FIXTURE, SEE ELEC
- SUPPLY AIR DIFFUSER, SEE MECH
- RETURN AIR DIFFUSER, TRANSFER GRILLE, OR EXHAUST GRILLE, SEE MECH

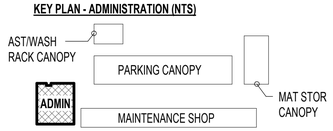
A REFLECTED CEILING PLAN - ADMIN BLDG

1/8" = 1'-0"

PLAN NORTH

KEY TO INTERIOR ELEV (A, B, C, D)

KEY PLAN - ADMINISTRATION (NTS)



0 4' 8' 16'

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

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HARBORS

JOB TITLE
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BASEYARD RELOCATION AT AUIKI STREET

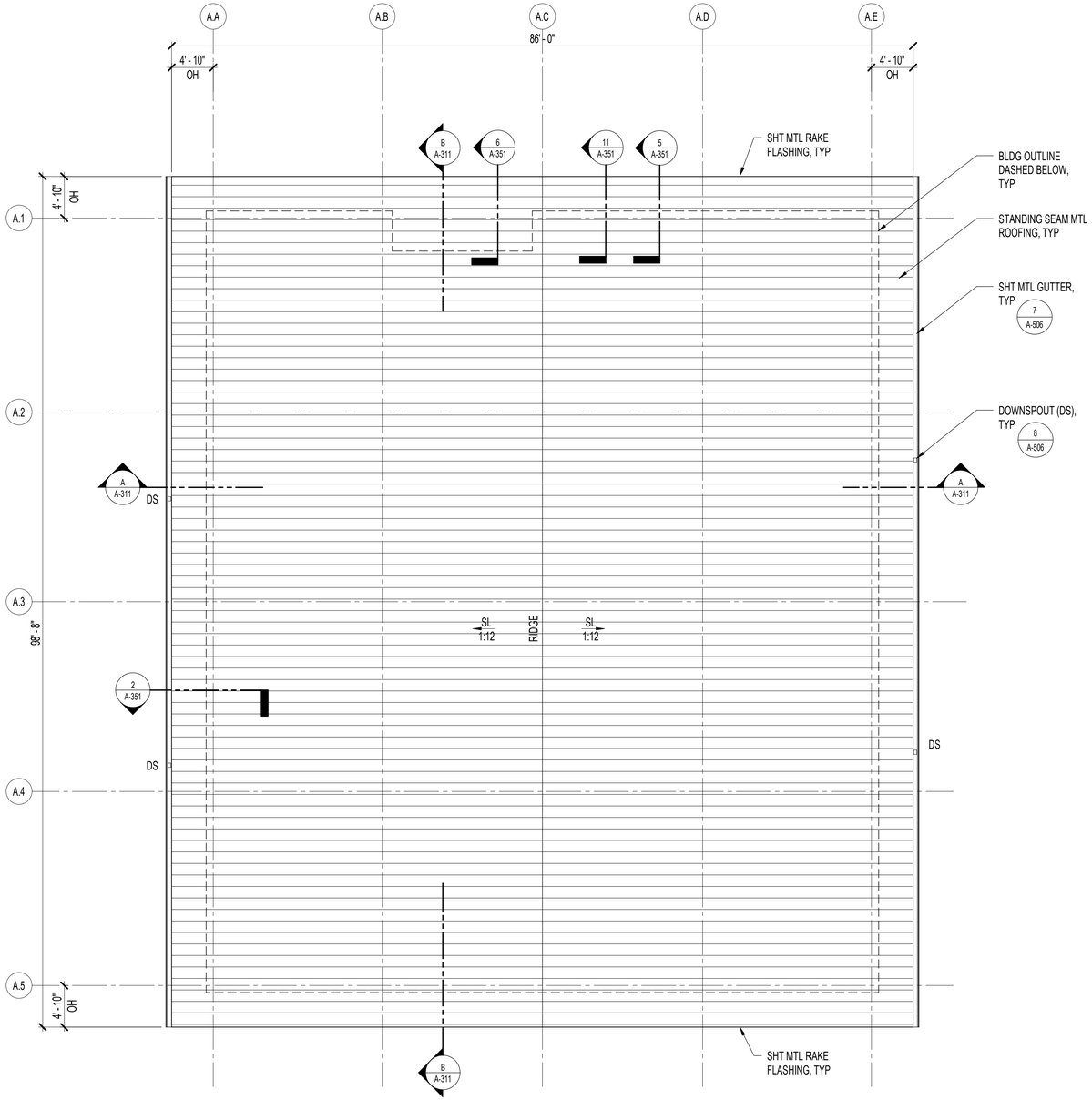
SHEET TITLE
REFLECTED CEILING PLAN - ADMINISTRATION

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SHEET
A-112
90 OF 273 SHTS

FINAL SUBMITTAL - MAY 2026



A ROOF PLAN - ADMINISTRATION

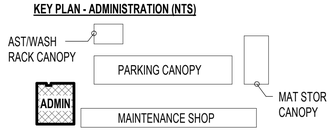
1/8" = 1'-0"

PLAN NORTH

ROOF PLAN NOTES:

1. FOR STANDING SEAM METAL ROOFING, SEE SHTA-505
2. FOR ROOF PENETRATION DETAIL, SEE SHTA-506
3. FOR EXPOSED FASTENING METAL ROOFING, SEE SHTA-507

KEY PLAN - ADMINISTRATION (NTS)



0 4' 8' 16'

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

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
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HAWAII, USA

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BASEYARD RELOCATION AT AUIKI STREET

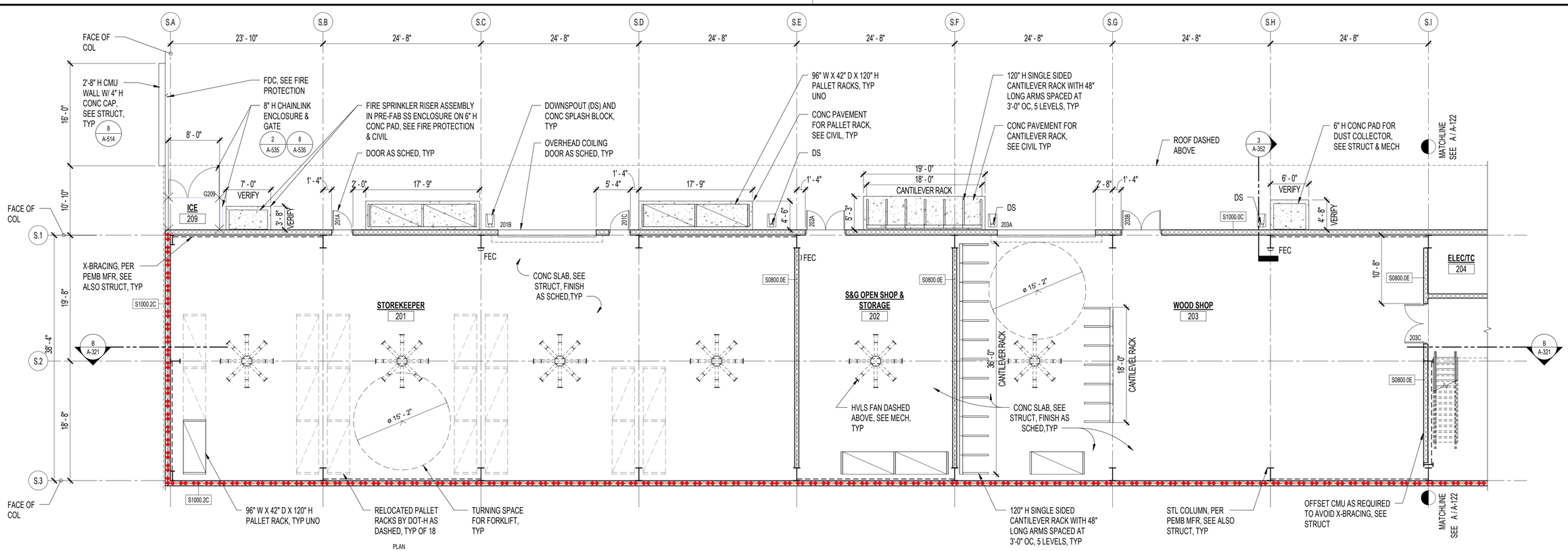
SHEET TITLE
ROOF PLAN - ADMINISTRATION

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SHEET
A-113
91 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



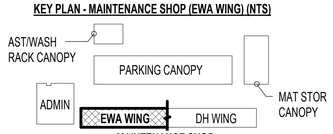
A FLOOR PLAN - MAINTENANCE SHOP (EWA WING)

1/8" = 1'-0"

PLAN NORTH

NOTE:
ALL EXPOSED PEMB FRAMING MEMBERS, PAINT (HPC-1), TYP

KEY PLAN - MAINTENANCE SHOP (EWA WING) (NTS)



0 4' 8' 16'

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

LAURIE A. CHIKAZAWA
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BASEYARD RELOCATION AT AUIKI STREET

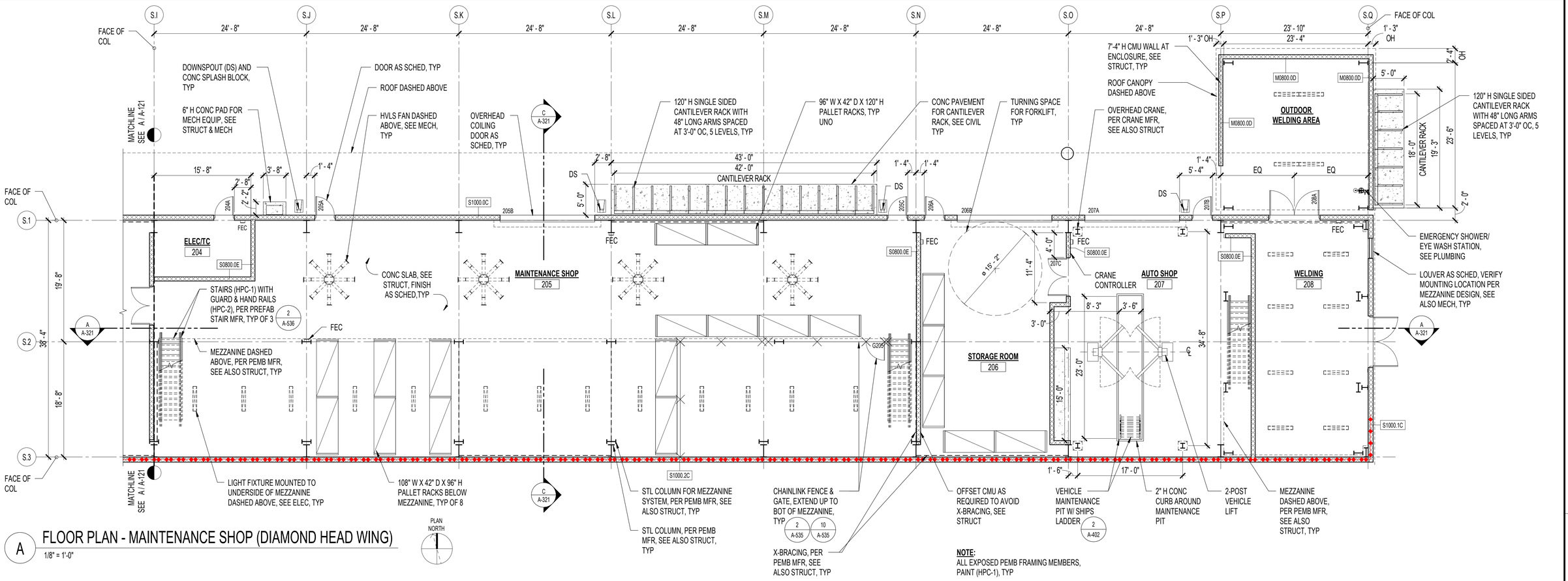
SHEET TITLE
FLOOR PLANS - MAINTENANCE SHOP (EWA WING)

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SCALE:	AS SHOWN

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SHEET
A-121
92 OF 273 SHTS

FINAL SUBMITTAL - MAY 2026

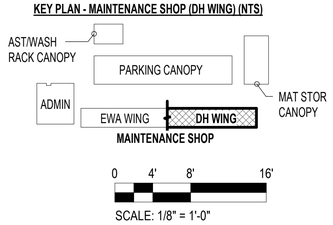


A FLOOR PLAN - MAINTENANCE SHOP (DIAMOND HEAD WING)

1/8" = 1'-0"

NOTE:
ALL EXPOSED PEMB FRAMING MEMBERS, PAINT (HPC-1), TYP

KEY PLAN - MAINTENANCE SHOP (DH WING) (NTS)



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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
FLOOR PLANS - MAINTENANCE SHOP (DIAMOND HEAD WING)

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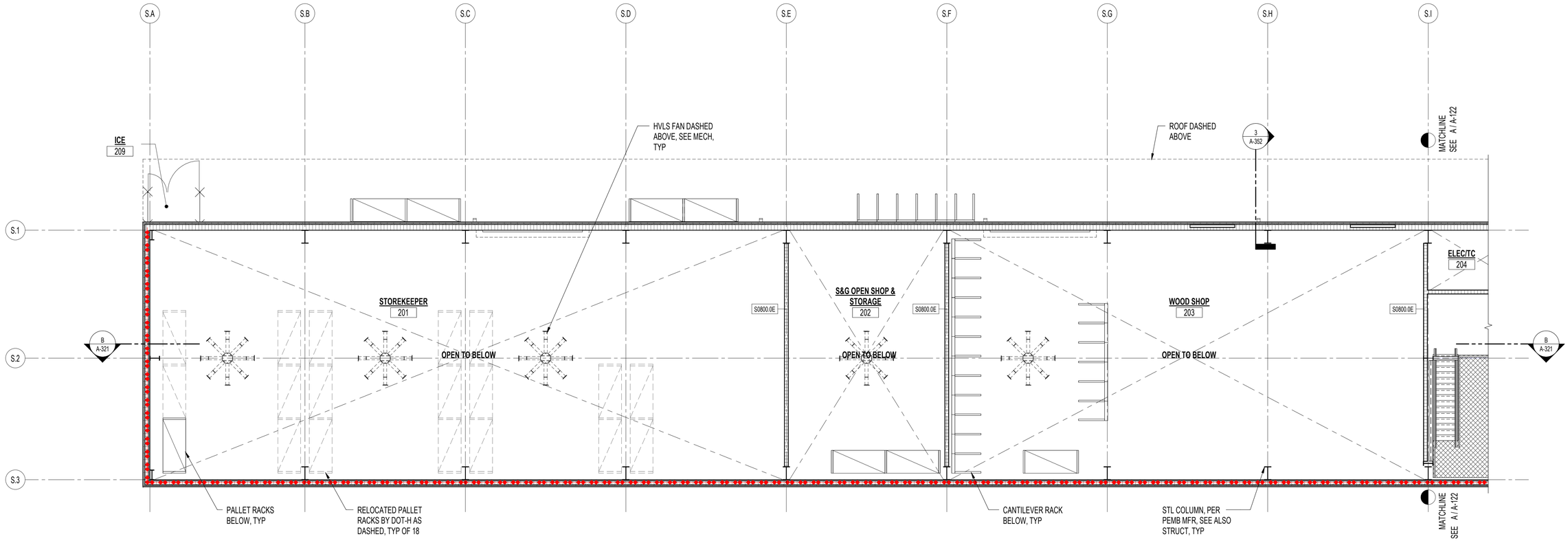
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SHEET
A-122
93 OF 273 SHTS

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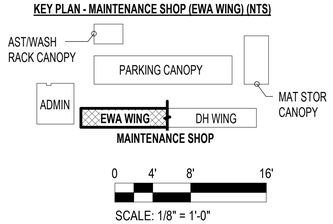
A MEZZANINE PLAN - MAINTENANCE SHOP (EWA WING)

1/8" = 1'-0"

PLAN NORTH

NOTE:
ALL EXPOSED PEMB FRAMING MEMBERS, PAINT (HPC-1), TYP

KEY PLAN - MAINTENANCE SHOP (EWA WING) (NTS)



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

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HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

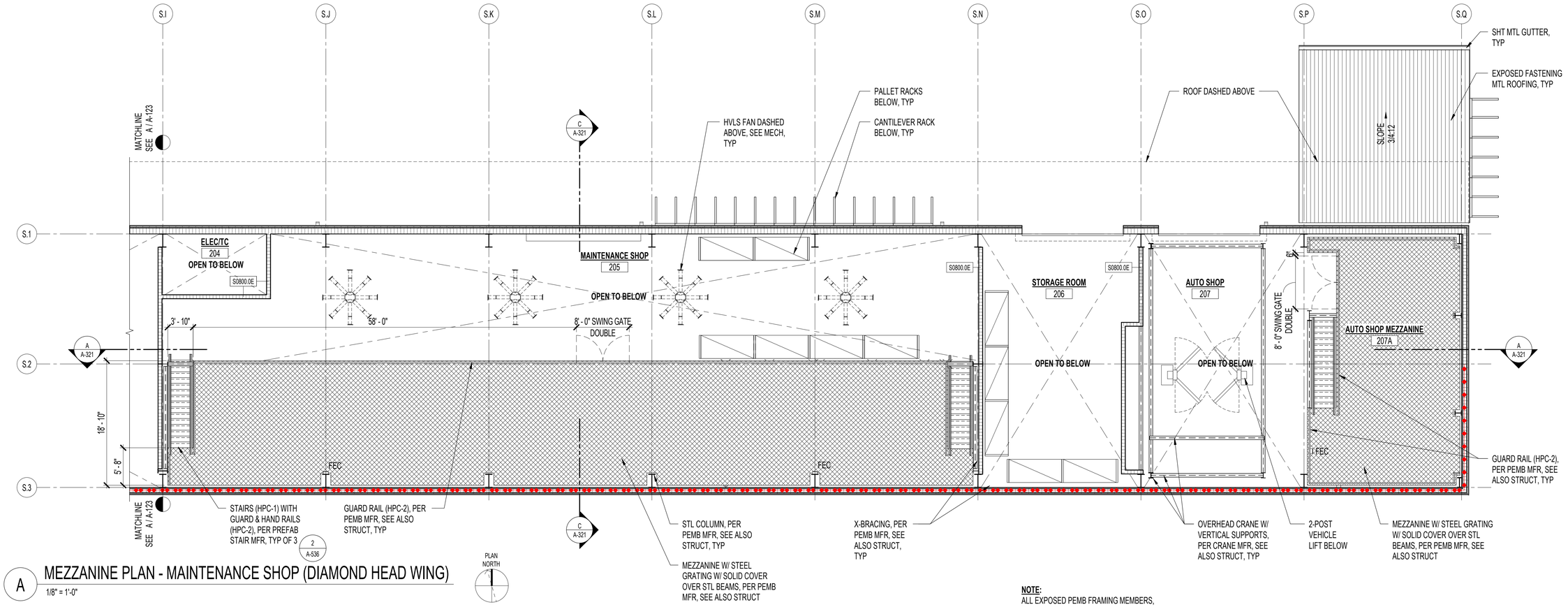
SHEET TITLE
MEZZANINE PLAN - MAINTENANCE SHOP (EWA WING)

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CHECKED BY:	LC
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A-123
94 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



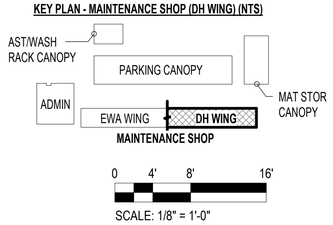
A MEZZANINE PLAN - MAINTENANCE SHOP (DIAMOND HEAD WING)

1/8" = 1'-0"

PLAN NORTH

NOTE:
ALL EXPOSED PEMB FRAMING MEMBERS, PAINT (HPC-1), TYP

KEY PLAN - MAINTENANCE SHOP (DH WING) (NTS)



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

LAURIE A. CHIKAZAWA
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HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

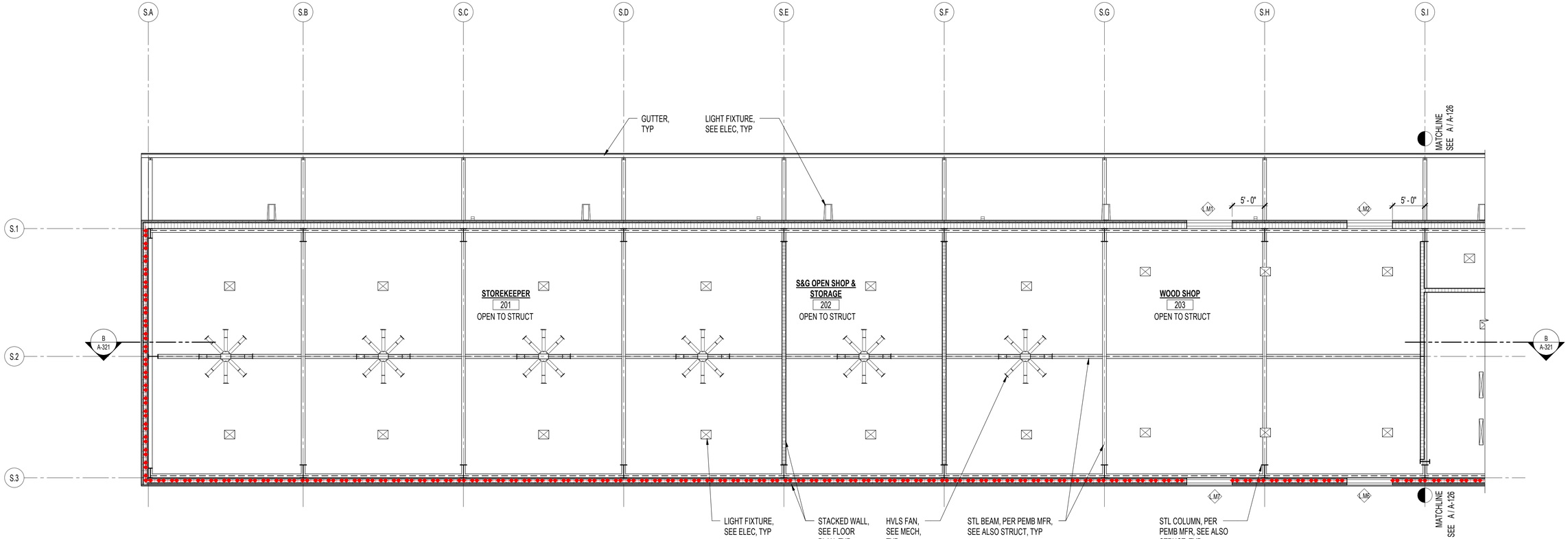
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MEZZANINE PLAN - MAINTENANCE SHOP (DIAMOND HEAD WING)

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A-124
95 OF 273 SHTS.

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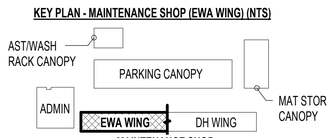
NOTE:
ALL EXPOSED PEMB FRAMING MEMBERS, PAINT (HPC-1), TYP

A REFLECTED CEILING PLAN - MAINTENANCE SHOP (EWA WING)

1/8" = 1'-0"

PLAN NORTH

KEY PLAN - MAINTENANCE SHOP (EWA WING) (NTS)



0 4' 8' 16'

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

LAURIE A. CHIKAZAWA
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JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

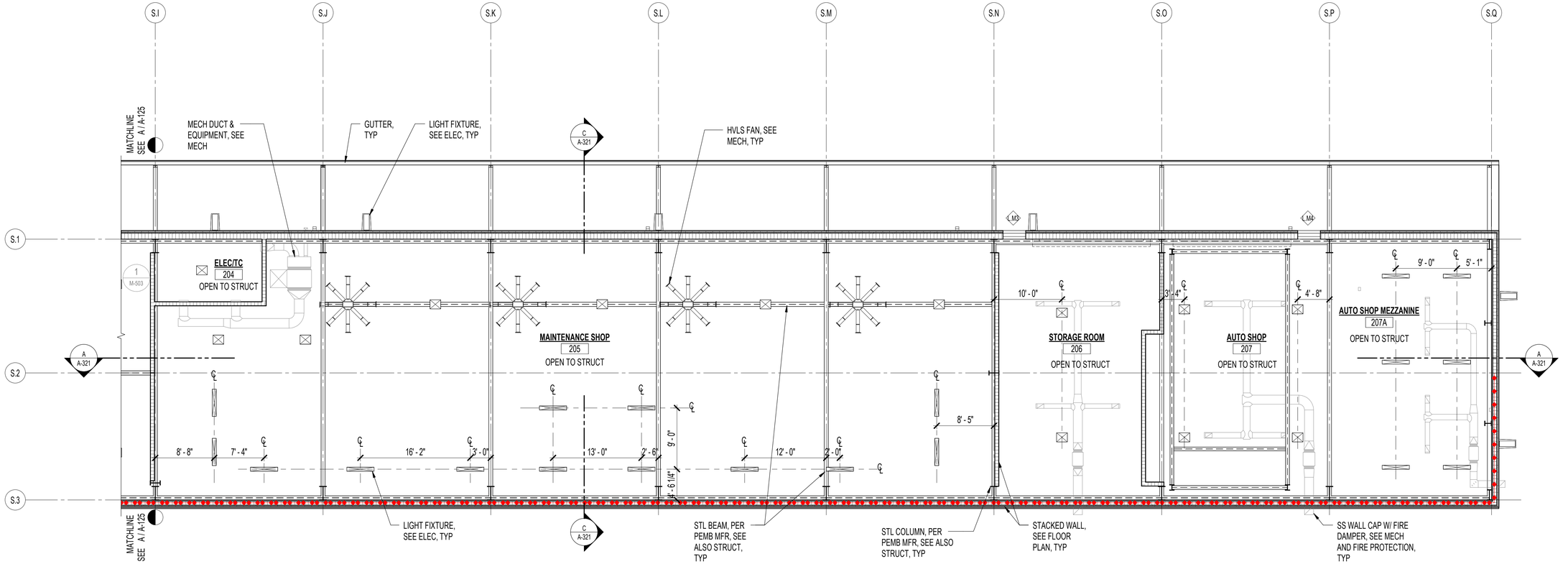
SHEET TITLE
REFLECTED CEILING PLAN - MAINTENANCE SHOP (EWA WING)

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SHEET
A-125
96 OF 273 SHTS

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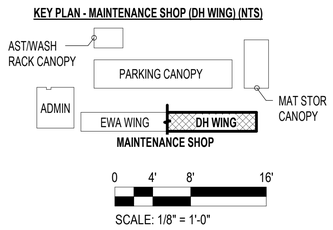
PLAN NORTH

A REFLECTED CEILING PLAN - MAINTENANCE SHOP (DIAMOND HEAD WING)

1/8" = 1'-0"

NOTE:
ALL EXPOSED PEMB FRAMING MEMBERS, PAINT (HPC-1), TYP

KEY PLAN - MAINTENANCE SHOP (DH WING) (NTS)



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DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

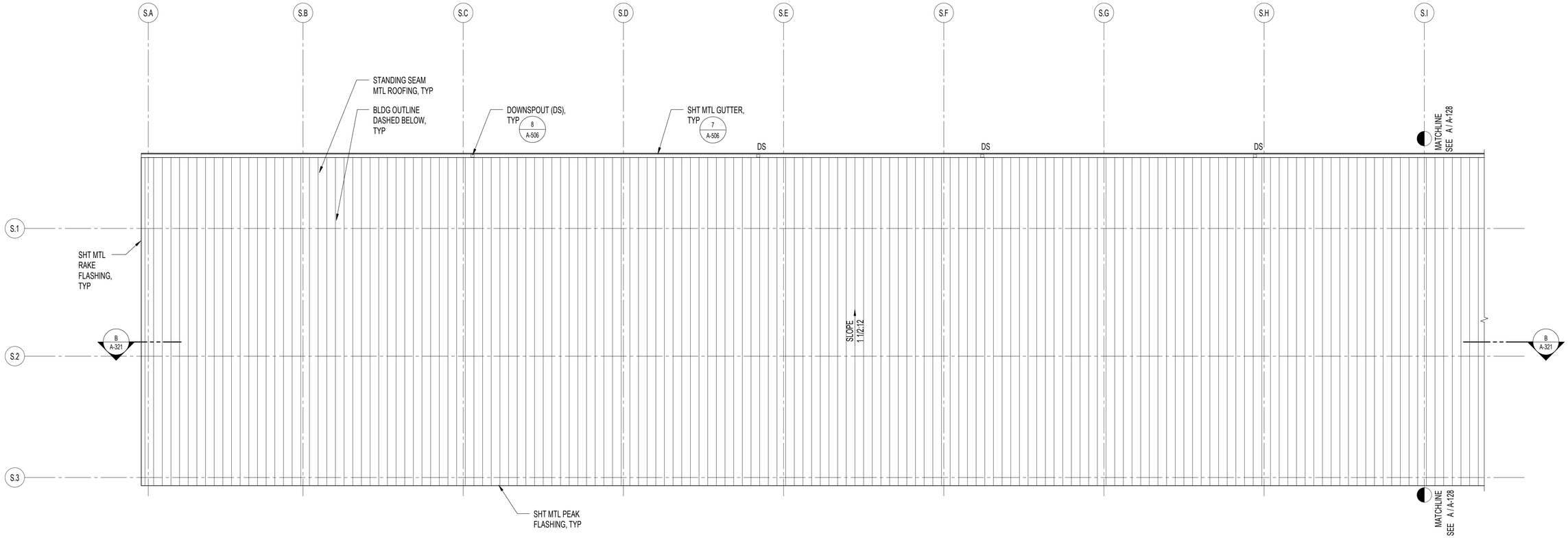
SHEET TITLE
REFLECTED CEILING PLAN - MAINTENANCE SHOP (DIAMOND HEAD WING)

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A-126
97 OF 273 SHTS.

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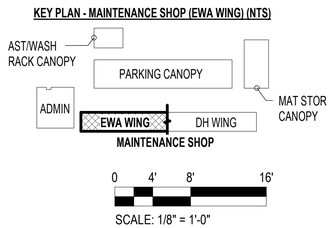


A ROOF PLAN - MAINTENANCE SHOP (EWA WING)

1/8" = 1'-0"

PLAN NORTH

KEY PLAN - MAINTENANCE SHOP (EWA WING) (NTS)



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

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JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

ROOF PLAN - MAINTENANCE SHOP (EWA WING)

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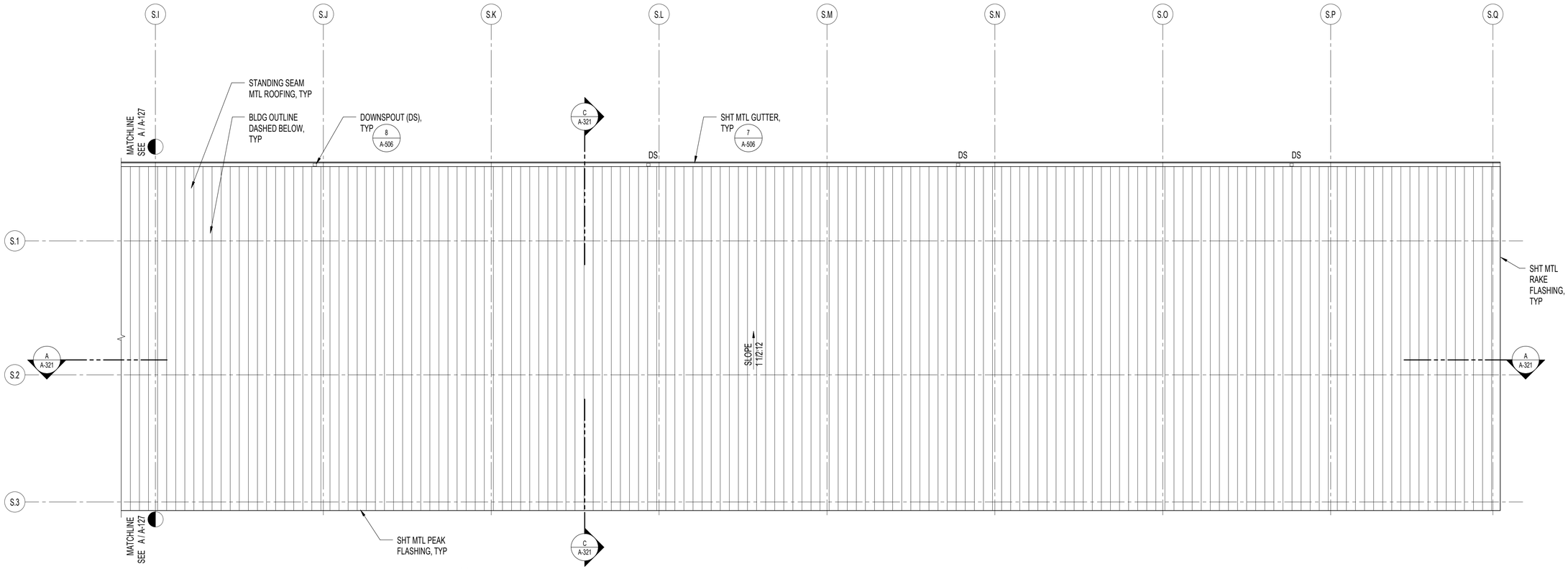
P10882

SHEET

A-127

98 OF 273 SHTS.

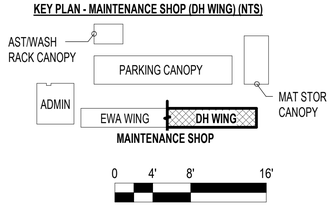
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A ROOF PLAN - MAINTENANCE SHOP (DIAMOND HEAD WING)

1/8" = 1'-0"

KEY PLAN - MAINTENANCE SHOP (DH WING) (NTS)



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

LAURIE A. CHIKAZAWA
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HAWAII, USA

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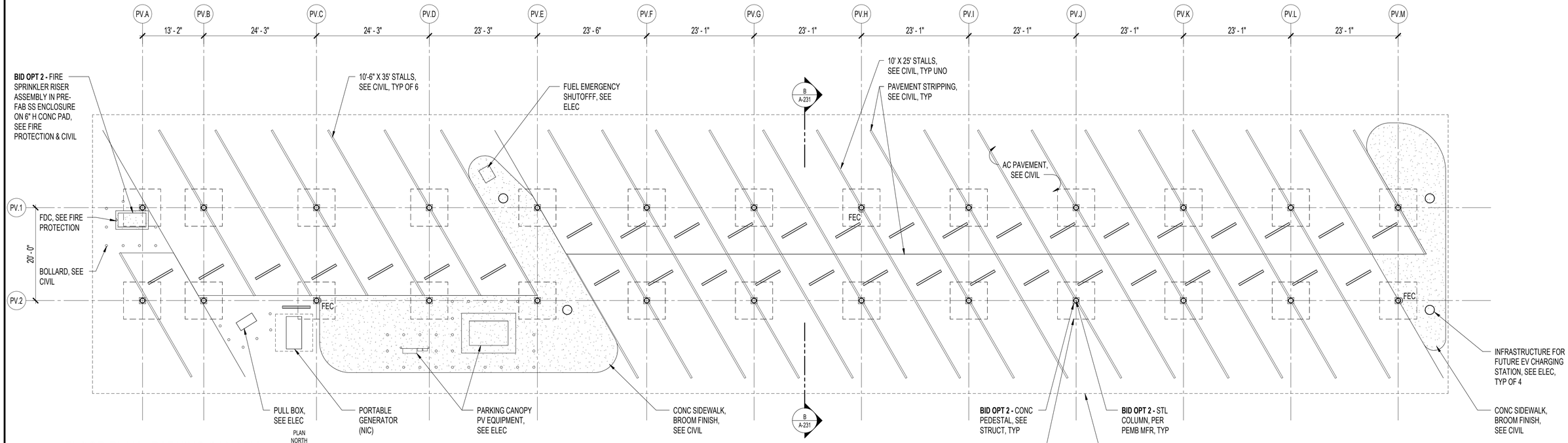
SHEET TITLE
ROOF PLAN - MAINTENANCE SHOP (DIAMOND HEAD WING)

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A-128
99 OF 273 SHTS.

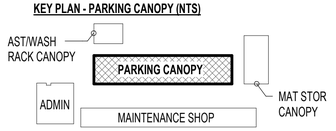
FINAL SUBMITTAL - MAY 2026



A FLOOR PLAN - PARKING CANOPY

3/32" = 1'-0"

KEY PLAN - PARKING CANOPY (NTS)



0 5' 10' 20'

SCALE: 3/32" = 1'-0"

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STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

FLOOR PLAN - PARKING CANOPY

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

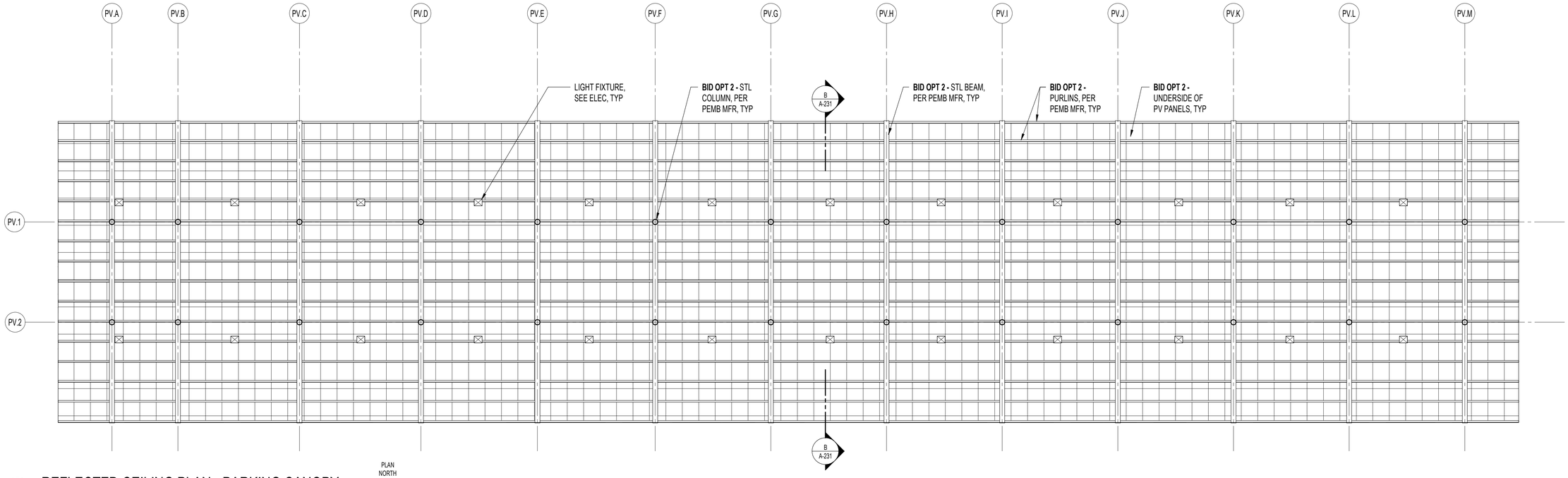
P10882

SHEET

A-131

100 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026

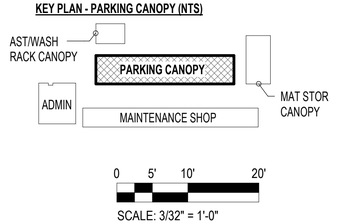


A REFLECTED CEILING PLAN - PARKING CANOPY

3/32" = 1'-0"

PLAN NORTH

KEY PLAN - PARKING CANOPY (NTS)



0 5' 10' 20'

SCALE: 3/32" = 1'-0"

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

REFLECTED CEILING PLAN - PARKING CANOPY

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

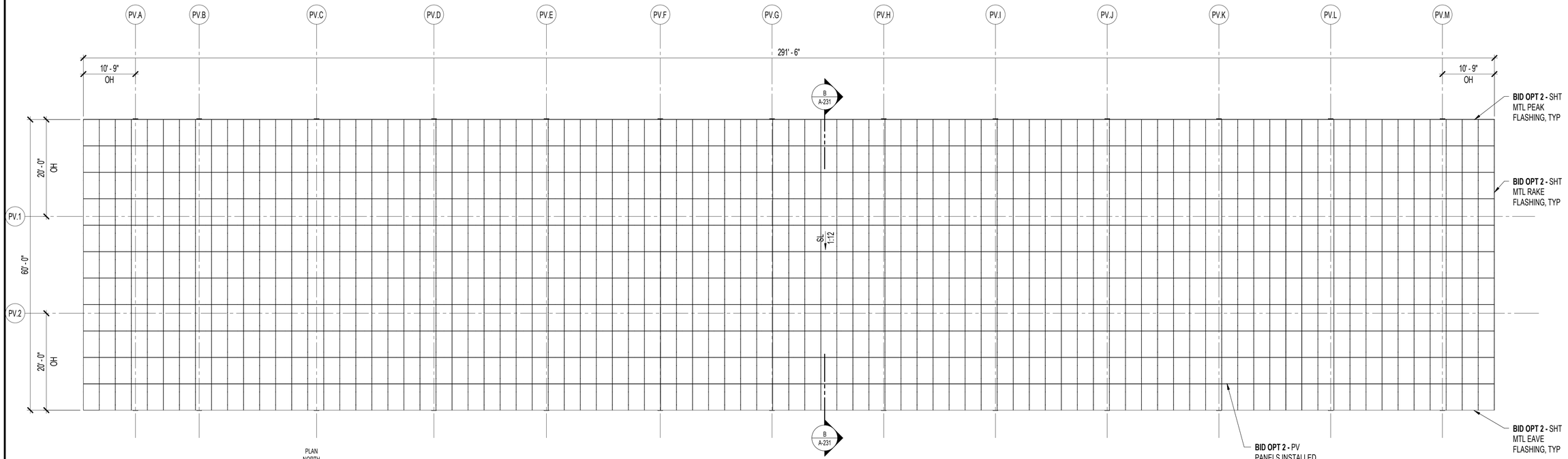
P10882

SHEET

A-132

101 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026

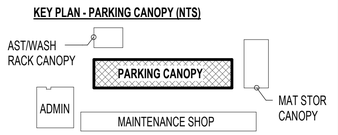


A ROOF PLAN - PARKING CANOPY

3/32" = 1'-0"

PLAN NORTH

KEY PLAN - PARKING CANOPY (NTS)



0 5' 10' 20'

SCALE: 3/32" = 1'-0"

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No. 17476
HAWAII, USA

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RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

ROOF PLAN - PARKING CANOPY

DESIGNED BY:	LC
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DATE:	05/2026
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JOB NUMBER

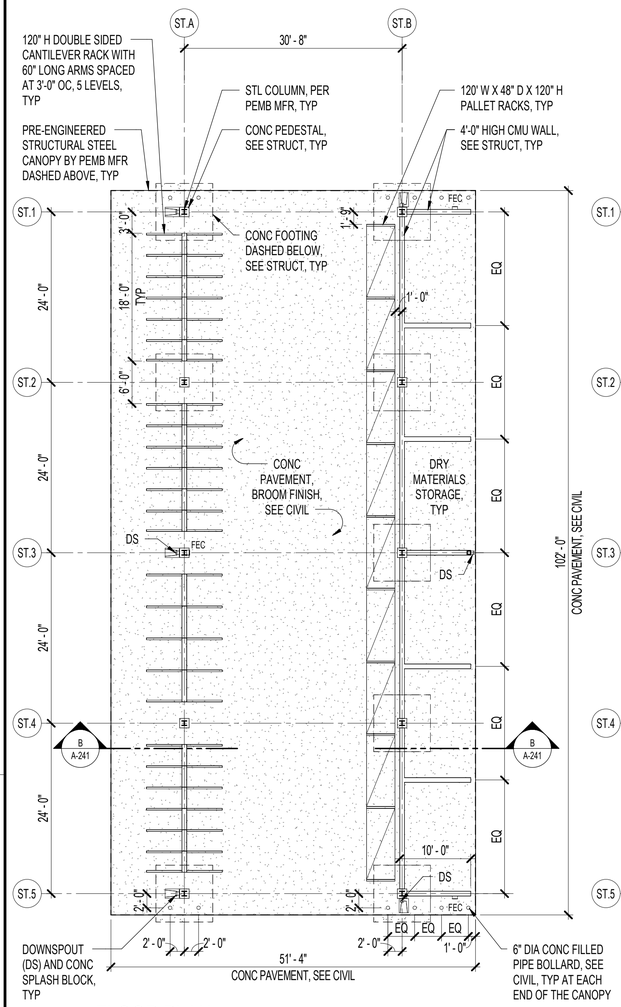
P10882

SHEET

A-133

102 OF 273 SHTS.

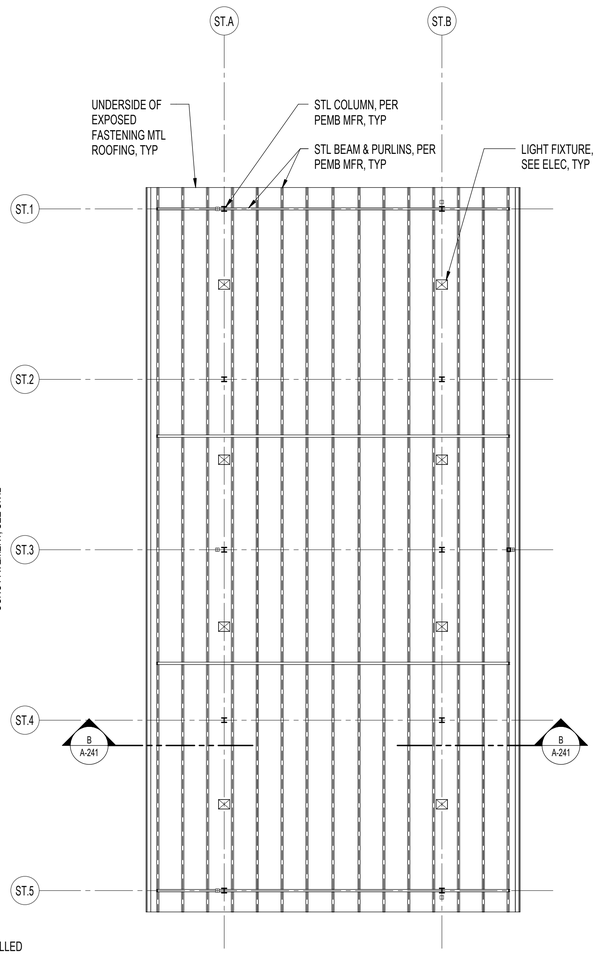
FINAL SUBMITTAL - MAY 2026



A FLOOR PLAN - MATERIALS STORAGE CANOPY

3/32" = 1'-0"

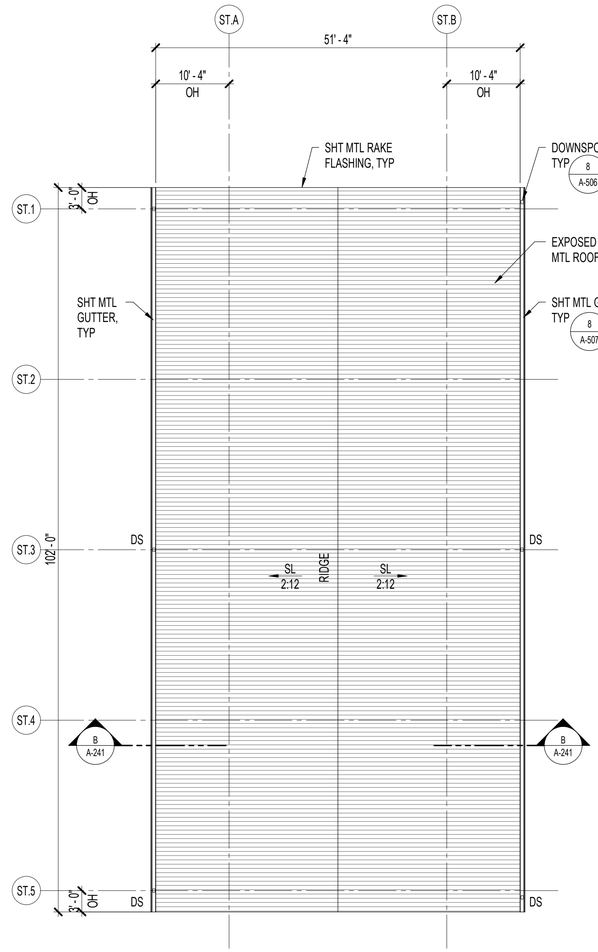
PLAN NORTH



B REFLECTED CEILING PLAN - MATERIALS STORAGE CANOPY

3/32" = 1'-0"

PLAN NORTH

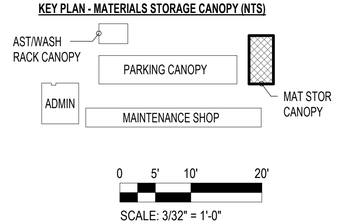


C ROOF PLAN - MATERIALS STORAGE CANOPY

3/32" = 1'-0"

PLAN NORTH

KEY PLAN - MATERIALS STORAGE CANOPY (NTS)



SCALE: 3/32" = 1'-0"

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

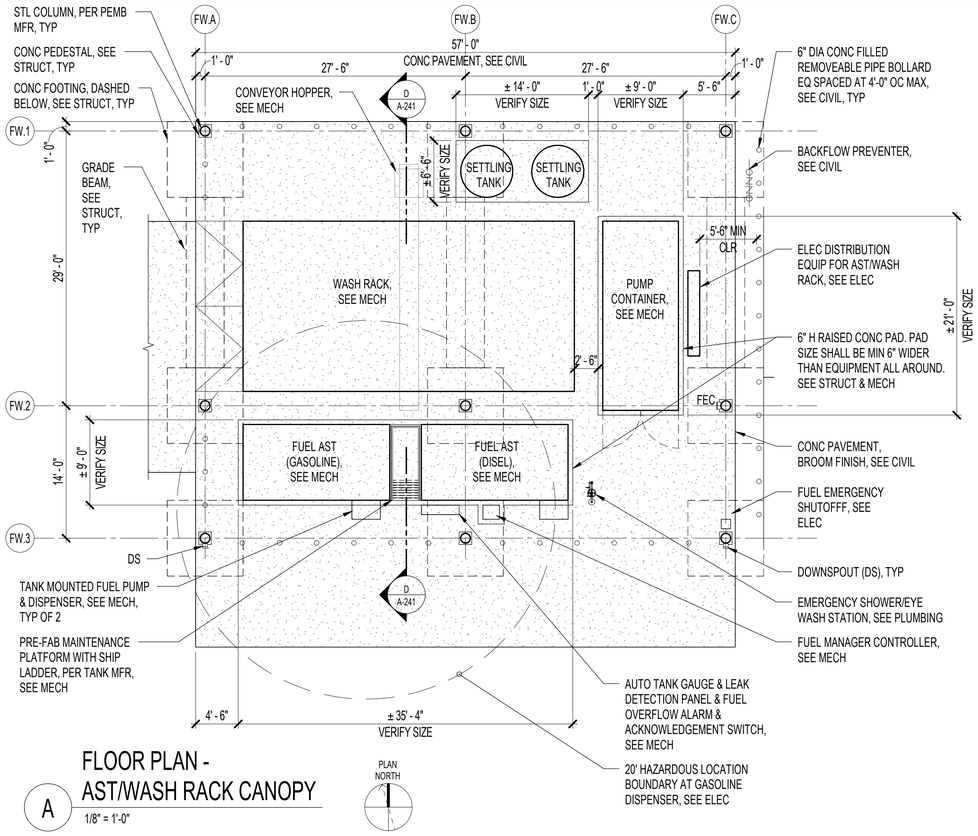
SHEET TITLE
FLOOR PLAN, ROOF PLAN, REFLECTED CEILING PLAN - MATERIALS STORAGE CANOPY

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

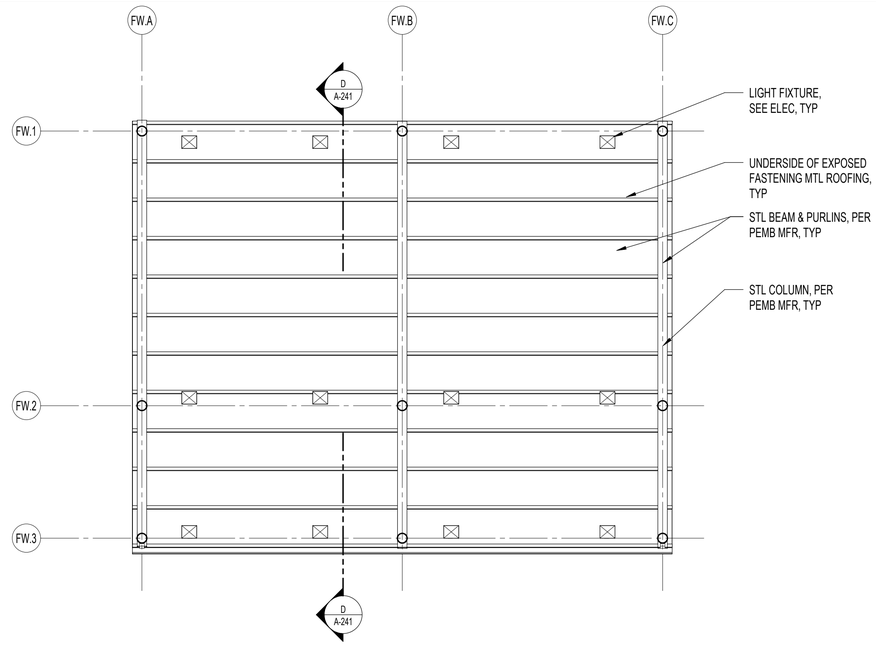
SHEET
A-141
103 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



A FLOOR PLAN - AST/WASH RACK CANOPY

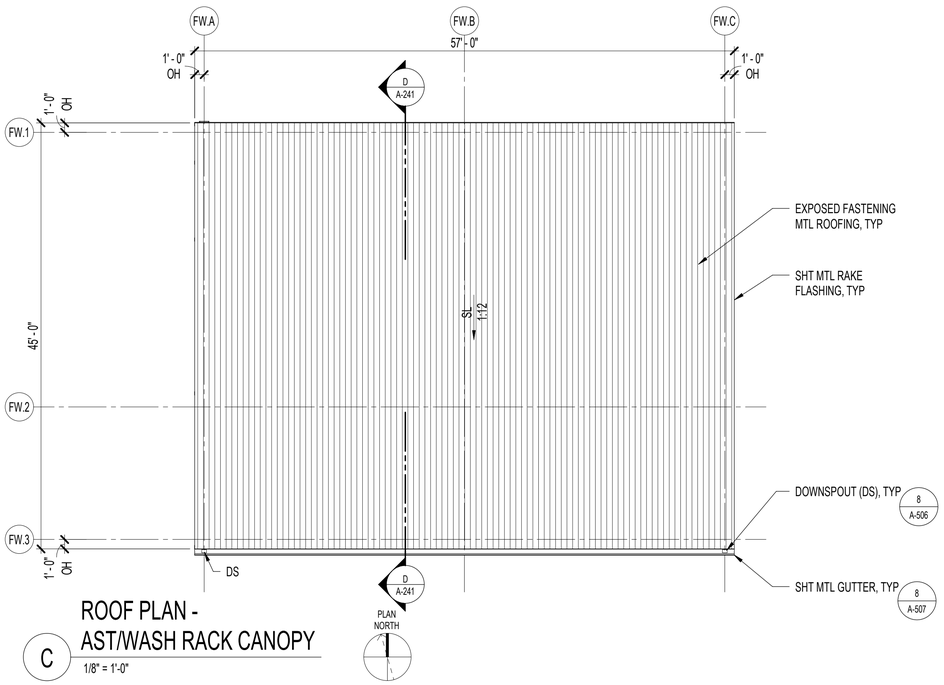
1/8" = 1'-0"



B REFLECTED CEILING PLAN - AST/WASH RACK CANOPY

1/8" = 1'-0"

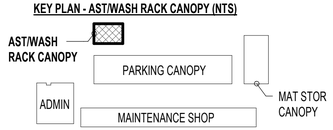
PLAN NORTH



C ROOF PLAN - AST/WASH RACK CANOPY

1/8" = 1'-0"

KEY PLAN - AST/WASH RACK CANOPY (NTS)



0 4' 8' 16'

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

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

FLOOR PLAN, ROOF PLAN, REFLECTED CEILING PLAN - AST/WASH RACK CANOPY

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

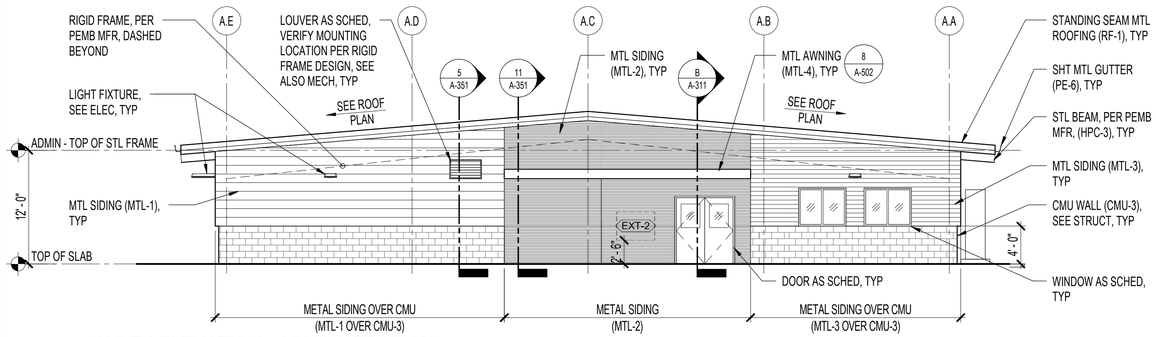
P10882

SHEET

A-151

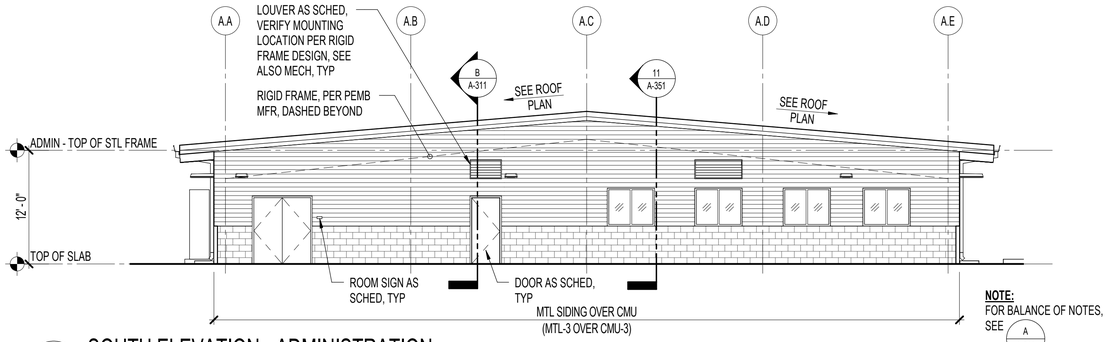
104 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



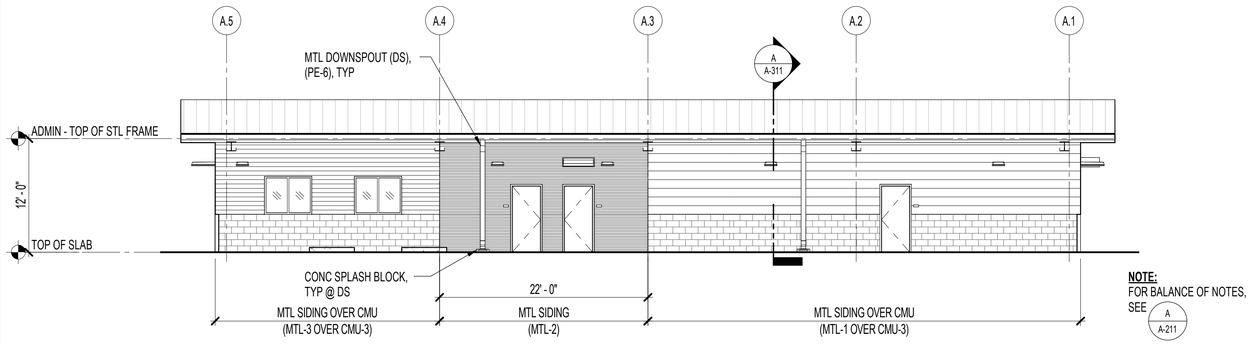
A NORTH ELEVATION - ADMINISTRATION

1/8" = 1'-0"



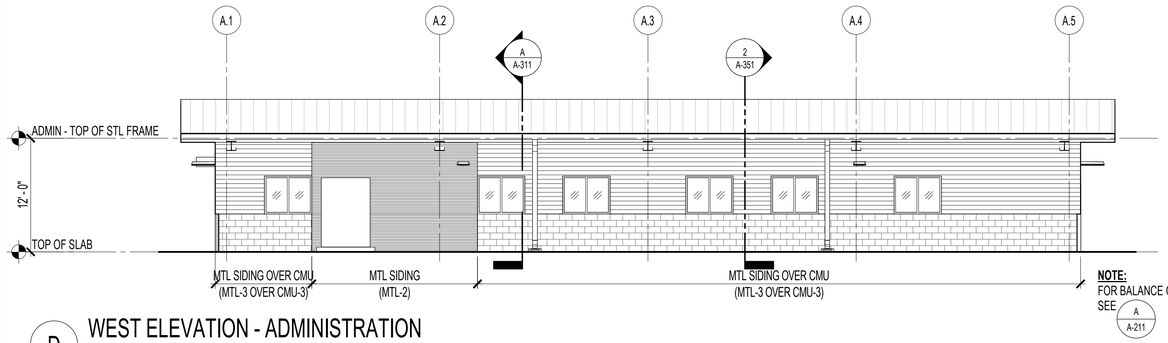
B SOUTH ELEVATION - ADMINISTRATION

1/8" = 1'-0"



C EAST ELEVATION - ADMINISTRATION

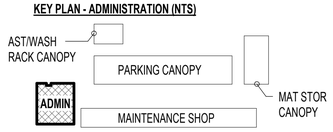
1/8" = 1'-0"



D WEST ELEVATION - ADMINISTRATION

1/8" = 1'-0"

KEY PLAN - ADMINISTRATION (NTS)



0 4' 8' 16'

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

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

EXTERIOR ELEVATIONS - ADMINISTRATION

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

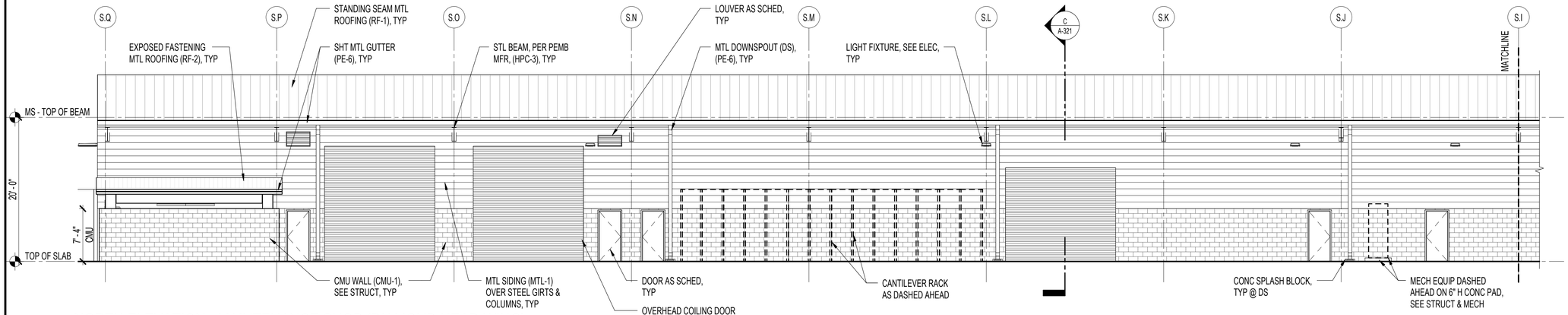
P10882

SHEET

A-211

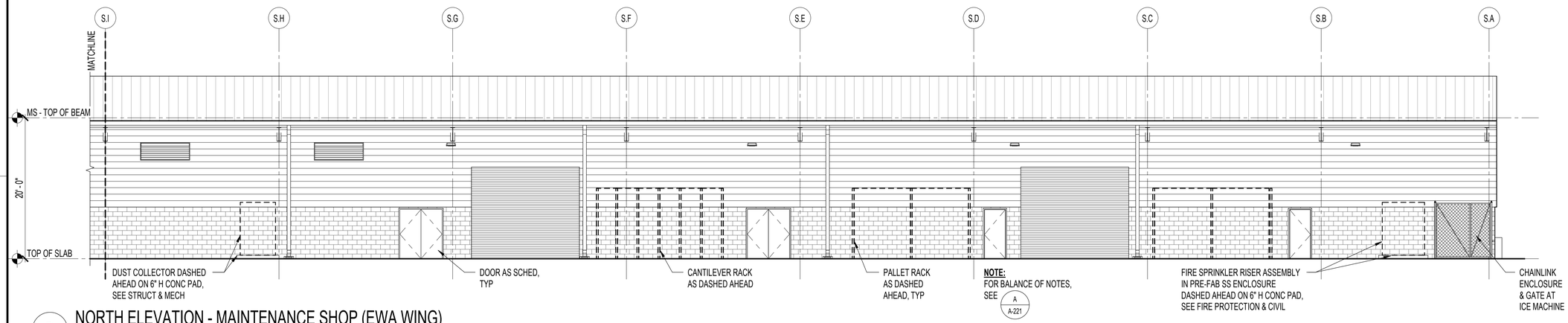
105 OF 273 SHTS

FINAL SUBMITTAL - MAY 2026



A NORTH ELEVATION - MAINTENANCE SHOP (DIAMOND HEAD WING)

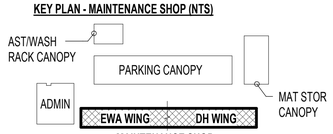
1/8" = 1'-0"



B NORTH ELEVATION - MAINTENANCE SHOP (EWA WING)

1/8" = 1'-0"

KEY PLAN - MAINTENANCE SHOP (NTS)



0 4' 8' 16'

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

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

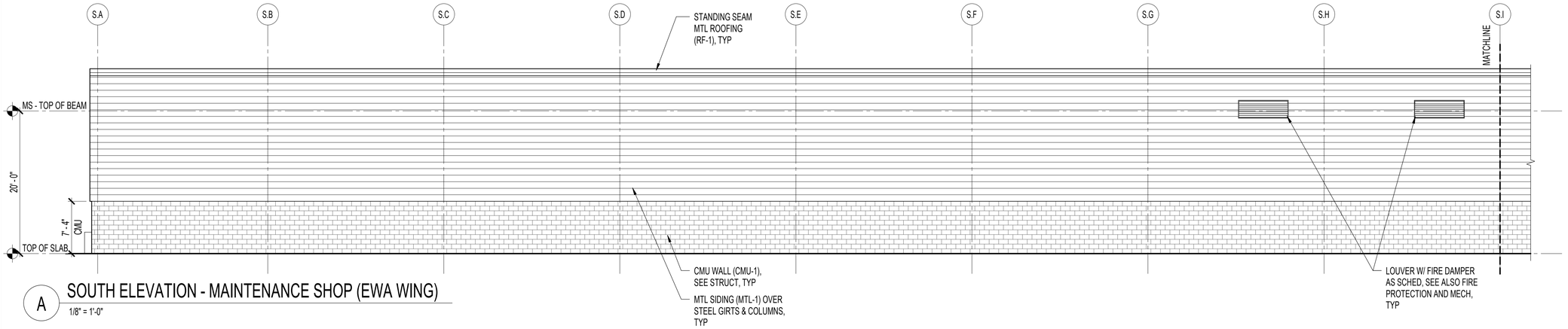
SHEET TITLE
EXTERIOR ELEVATIONS - MAINTENANCE SHOP - NORTH

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

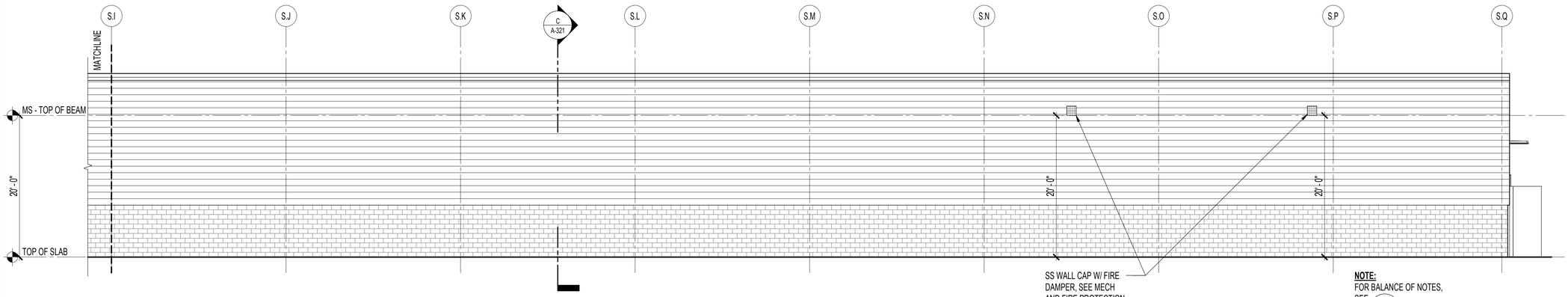
SHEET
A-221
106 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



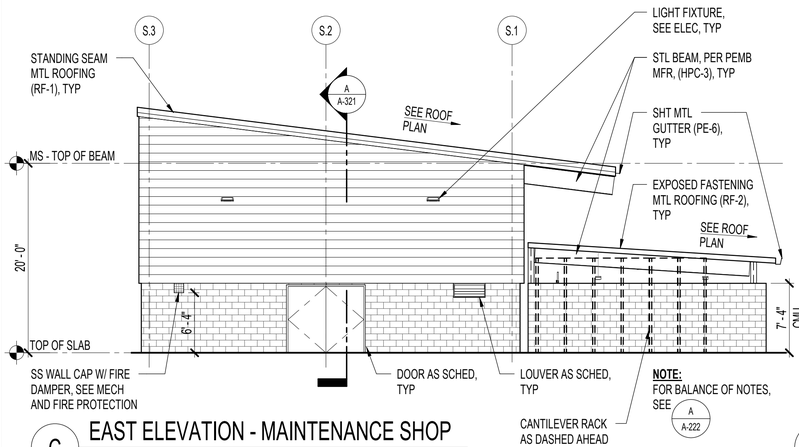
A SOUTH ELEVATION - MAINTENANCE SHOP (EWA WING)

1/8" = 1'-0"



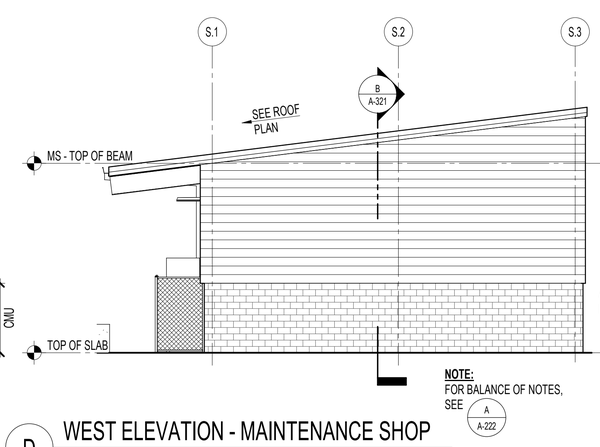
B SOUTH ELEVATION - MAINTENANCE SHOP (DIAMOND HEAD WING)

1/8" = 1'-0"



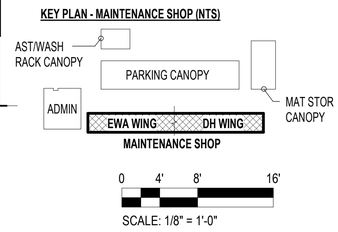
C EAST ELEVATION - MAINTENANCE SHOP

1/8" = 1'-0"



D WEST ELEVATION - MAINTENANCE SHOP

1/8" = 1'-0"



LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

EXTERIOR ELEVATIONS - MAINTENANCE SHOP - SOUTH

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

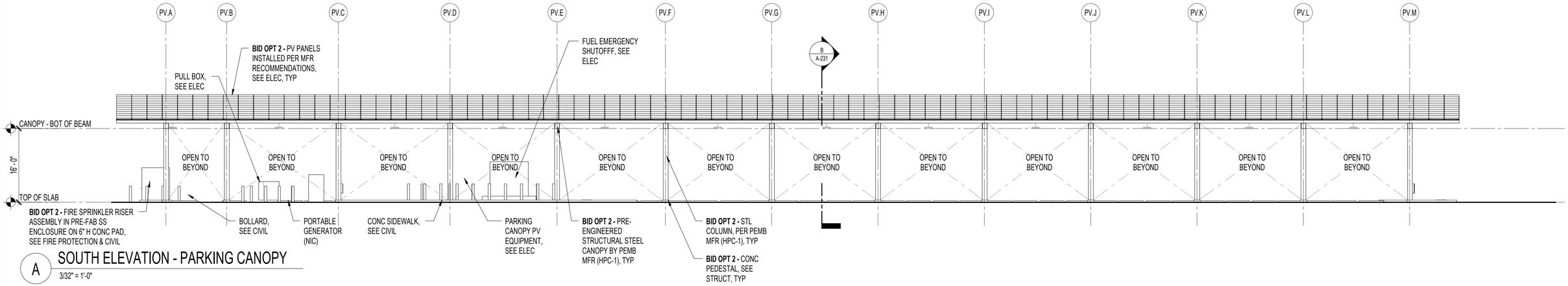
P10882

SHEET

A-222

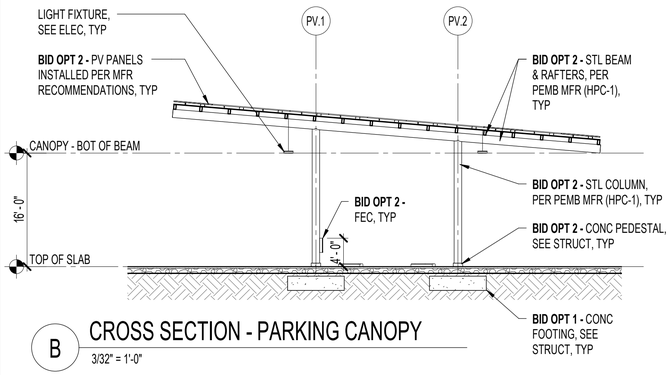
107 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



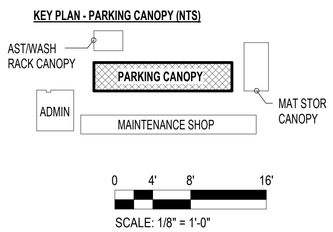
A SOUTH ELEVATION - PARKING CANOPY

3/32" = 1'-0"



B CROSS SECTION - PARKING CANOPY

3/32" = 1'-0"



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HAWAII, USA

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RMA ARCHITECTS INC

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HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

EXTERIOR ELEVATIONS, SECTIONS - PARKING CANOPY

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
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JOB NUMBER

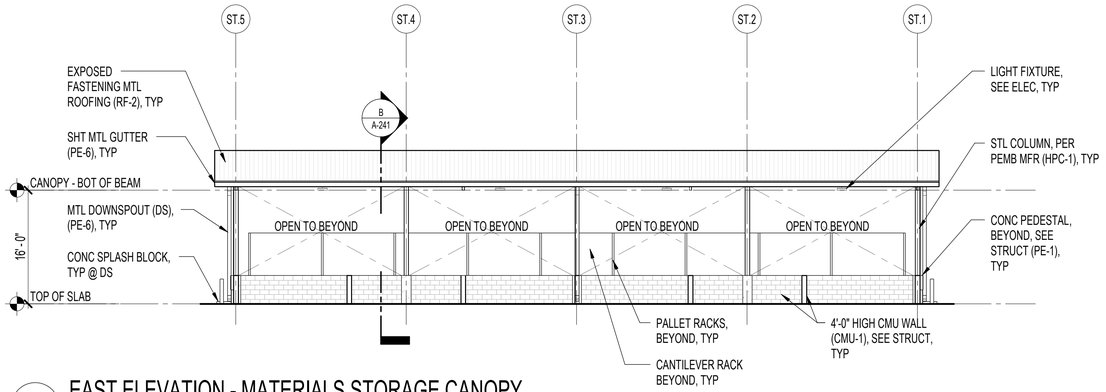
P10882

SHEET

A-231

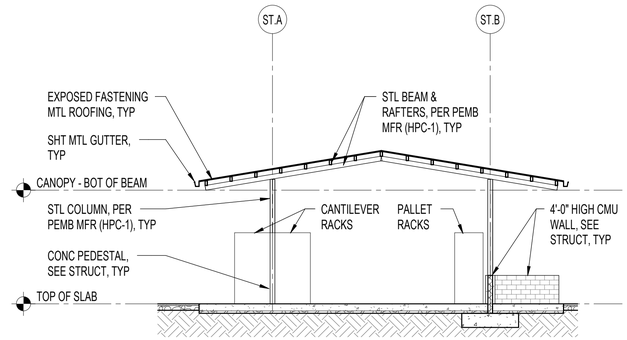
108 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



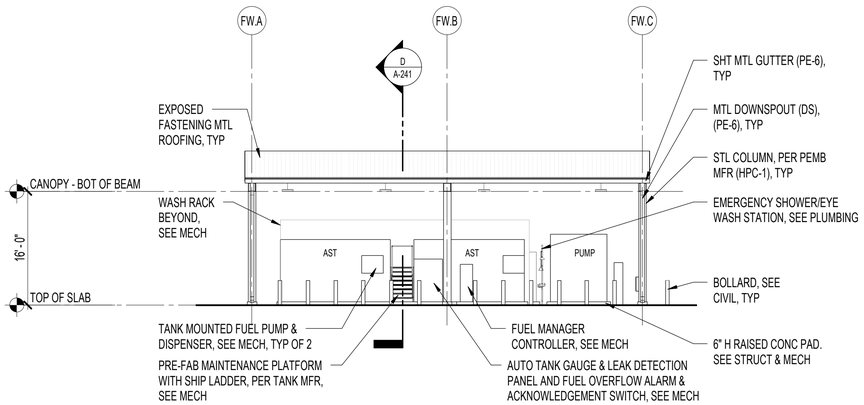
A EAST ELEVATION - MATERIALS STORAGE CANOPY

3/32" = 1'-0"



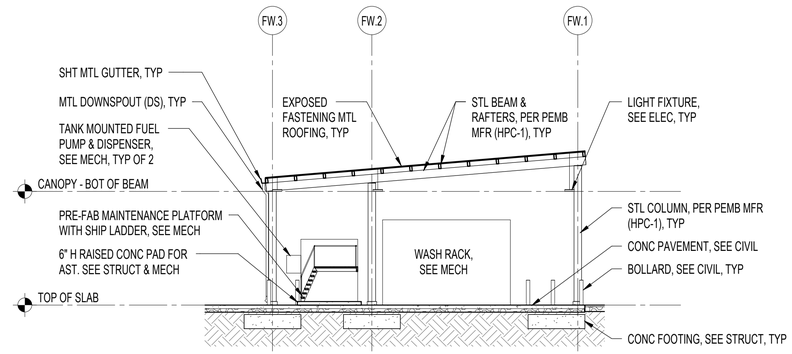
B CROSS SECTION - MATERIALS STORAGE CANOPY

3/32" = 1'-0"



C SOUTH ELEVATION - AST/WASH RACK CANOPY

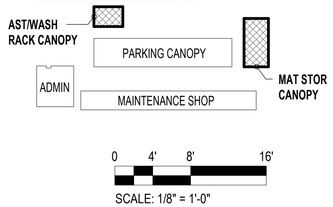
3/32" = 1'-0"



D CROSS SECTION - AST/WASH RACK CANOPY

3/32" = 1'-0"

KEY PLAN - AST/WASH RACK CANOPY & MATERIAL STORAGE CANOPY (NTS)



0 4' 8' 16'

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

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

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STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

EXTERIOR ELEVATIONS, SECTIONS - AST/WASH RACK CANOPY & MATERIALS STORAGE CANOPY

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

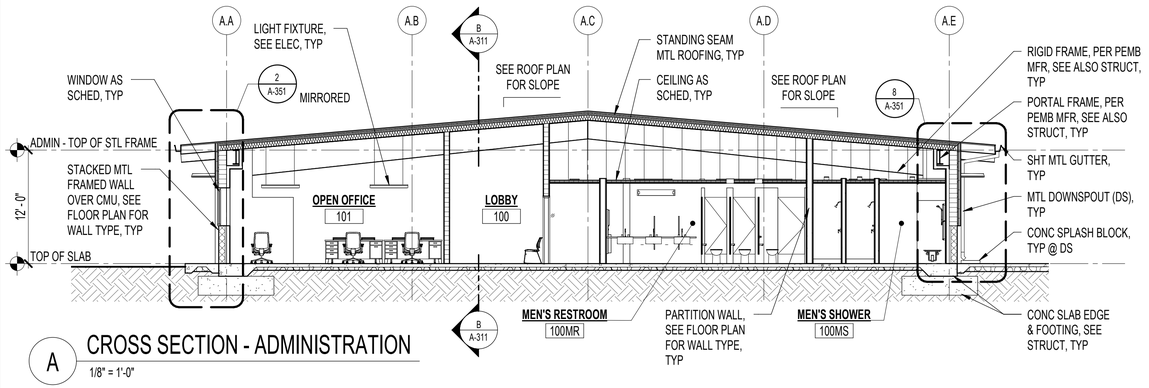
P10882

SHEET

A-241

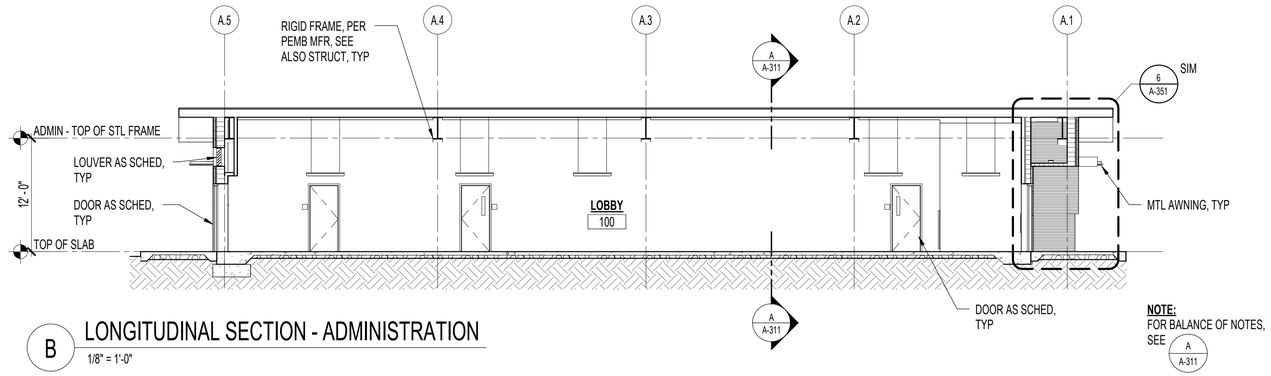
109 OF 273 SHTS

FINAL SUBMITTAL - MAY 2026



A CROSS SECTION - ADMINISTRATION

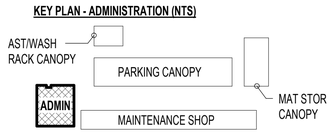
1/8" = 1'-0"



B LONGITUDINAL SECTION - ADMINISTRATION

1/8" = 1'-0"

KEY PLAN - ADMINISTRATION (NTS)



0 4' 8' 16'

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

SECTIONS - ADMINISTRATION

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

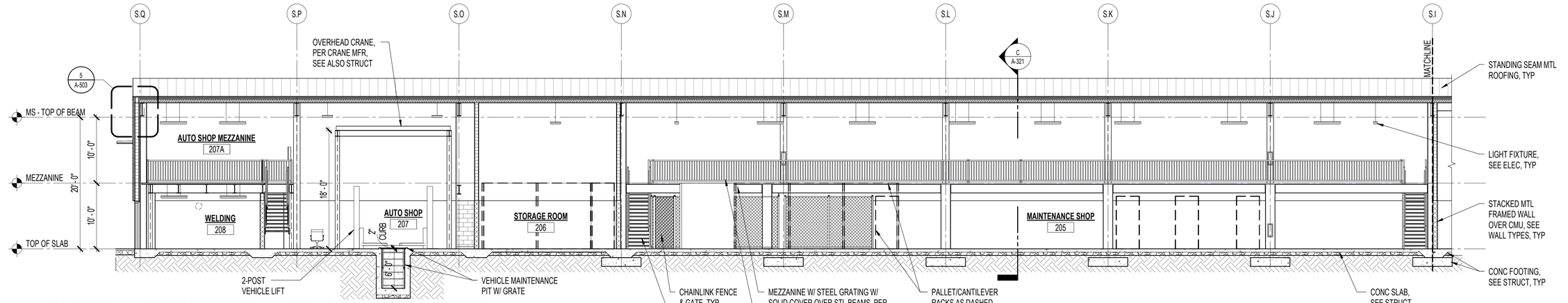
P10882

SHEET

A-311

110 OF 273 SHTS.

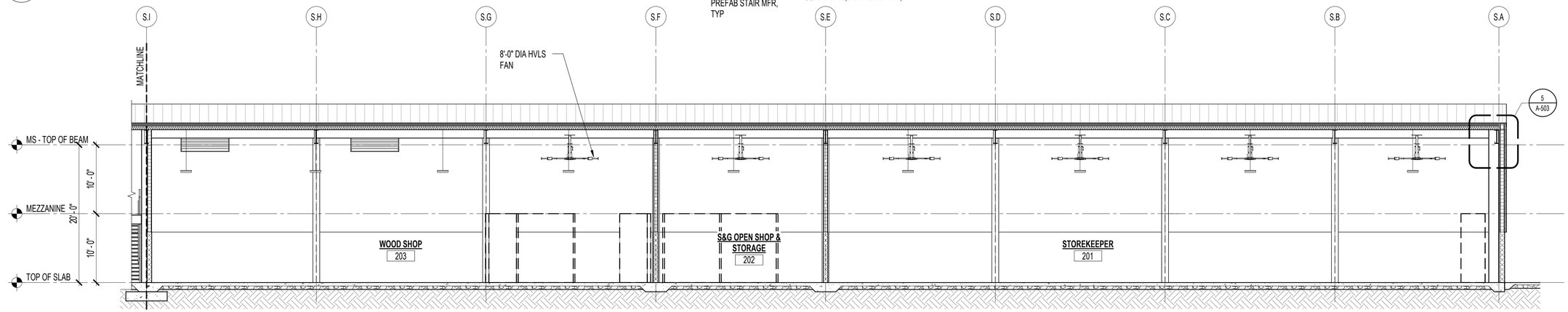
FINAL SUBMITTAL - MAY 2026



NOTE:
FOR BALANCE OF NOTES, SEE C A-321

A LONGITUDINAL SECTION - MAINTENANCE SHOP (DIAMOND HEAD WING)

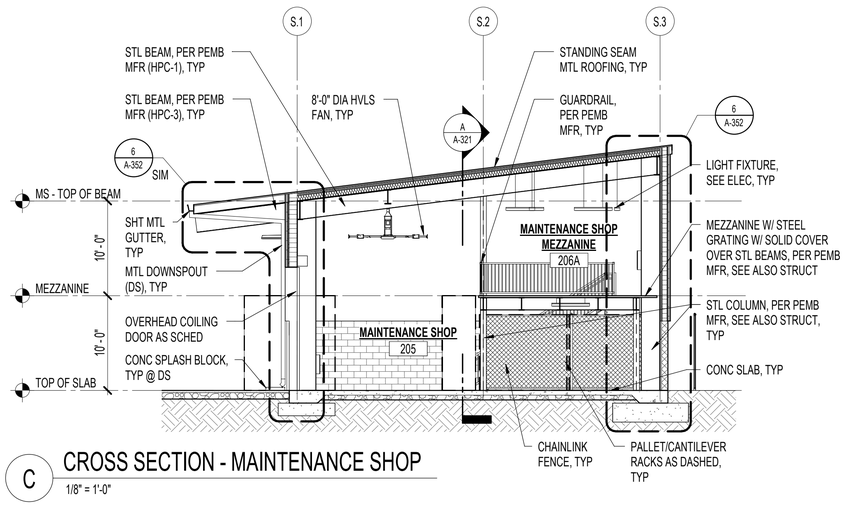
1/8" = 1'-0"



NOTE:
FOR BALANCE OF NOTES, SEE C A-321

B LONGITUDINAL SECTION - MAINTENANCE SHOP (EWA WING)

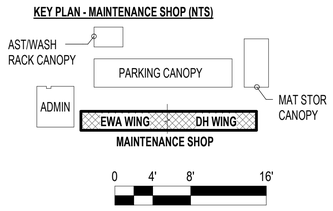
1/8" = 1'-0"



C CROSS SECTION - MAINTENANCE SHOP

1/8" = 1'-0"

KEY PLAN - MAINTENANCE SHOP (NTS)



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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
SECTIONS - MAINTENANCE SHOP

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

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EXP 4-30-28

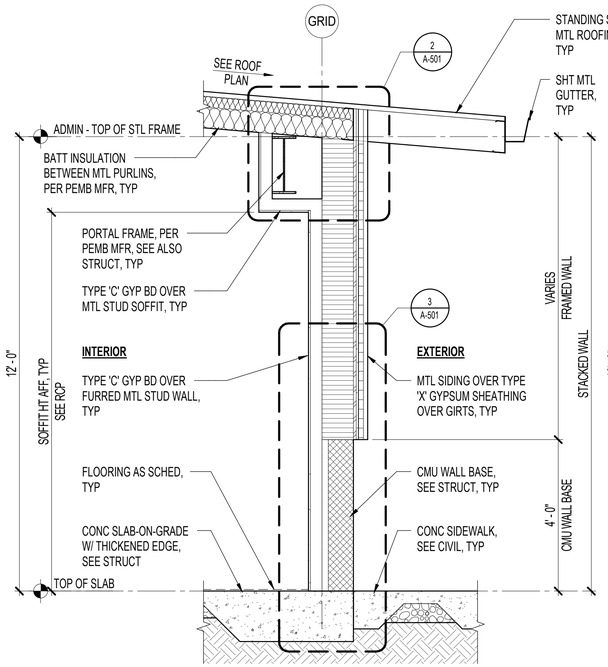
RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

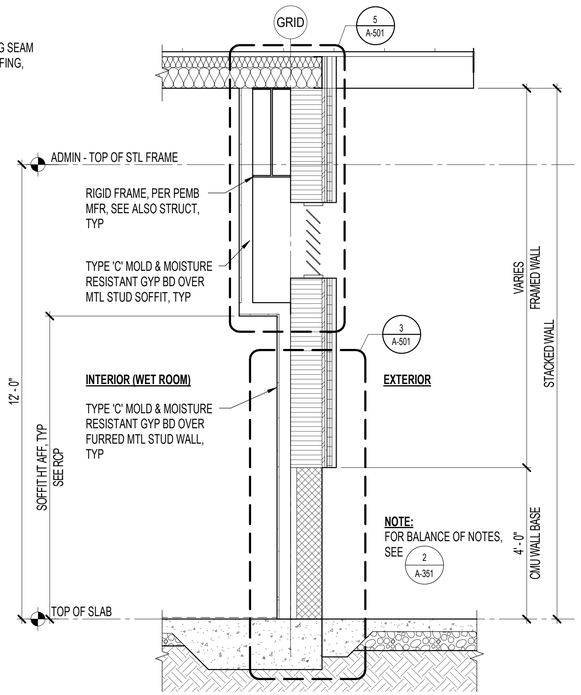
SHEET
A-321
111 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



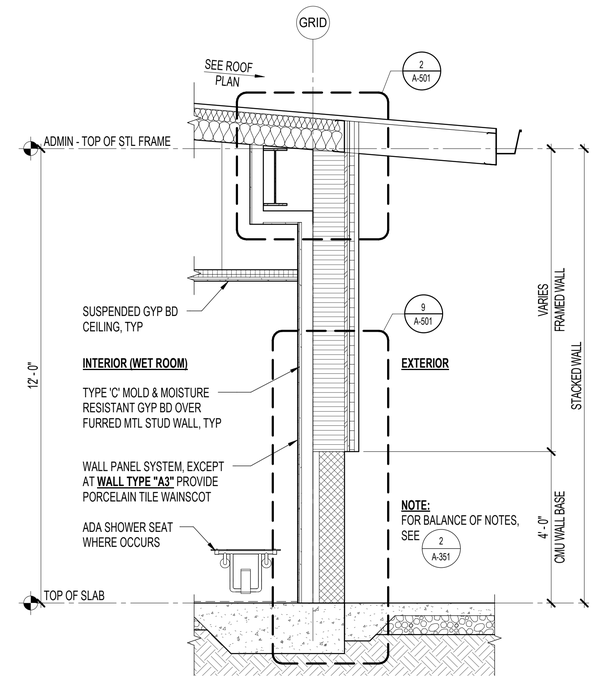
2 WALL SECTION - WALL TYPE S1000.0A1

1/2" = 1'-0"



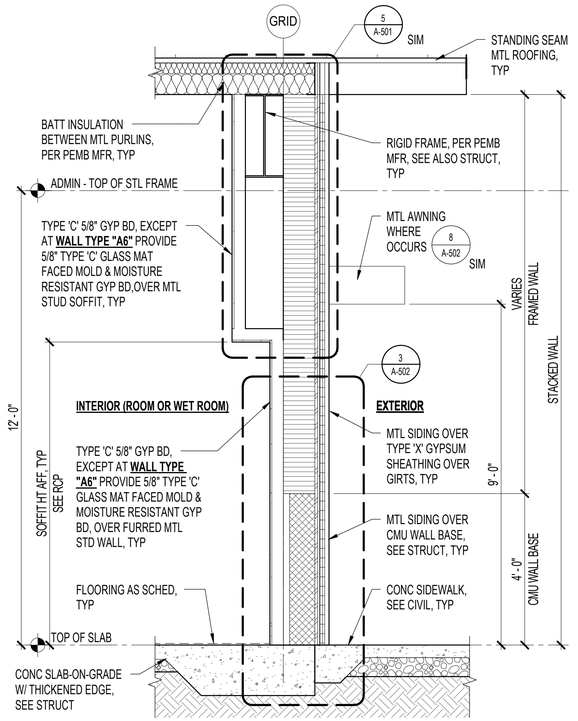
5 WALL SECTION - WALL TYPE S1000.0A2

1/2" = 1'-0"



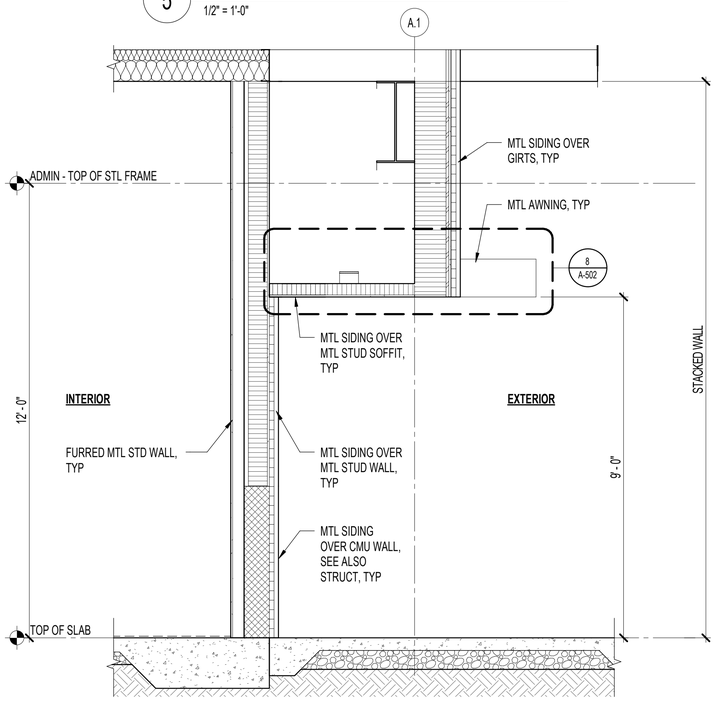
8 WALL SECTION - WALL TYPE S1000.0A4 (S1000.0A3 SIM)

1/2" = 1'-0"



11 WALL SECTION - WALL TYPE S1000.0A5 (S1000.0A6 SIM)

1/2" = 1'-0"



6 WALL SECTION - WALL TYPE S1000.0B2 (S1000.0AB1 SIM)

1/2" = 1'-0"

0 1' 2' 4'

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

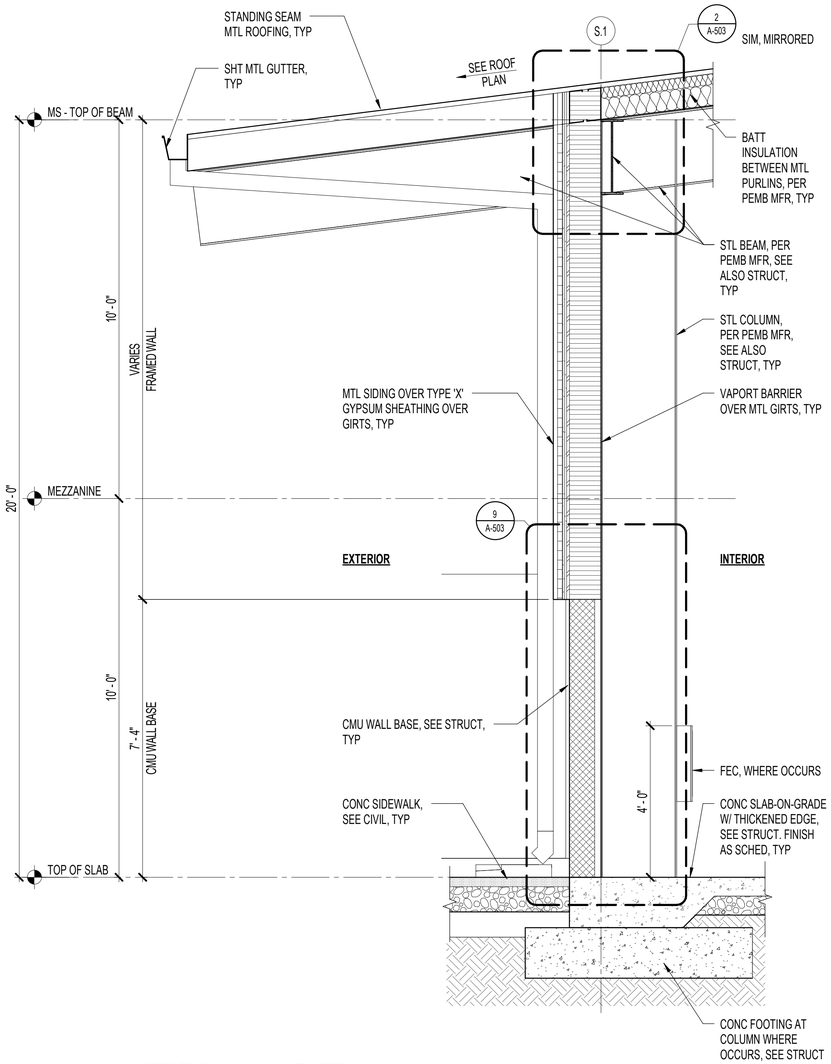
SHEET TITLE
WALL SECTIONS

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

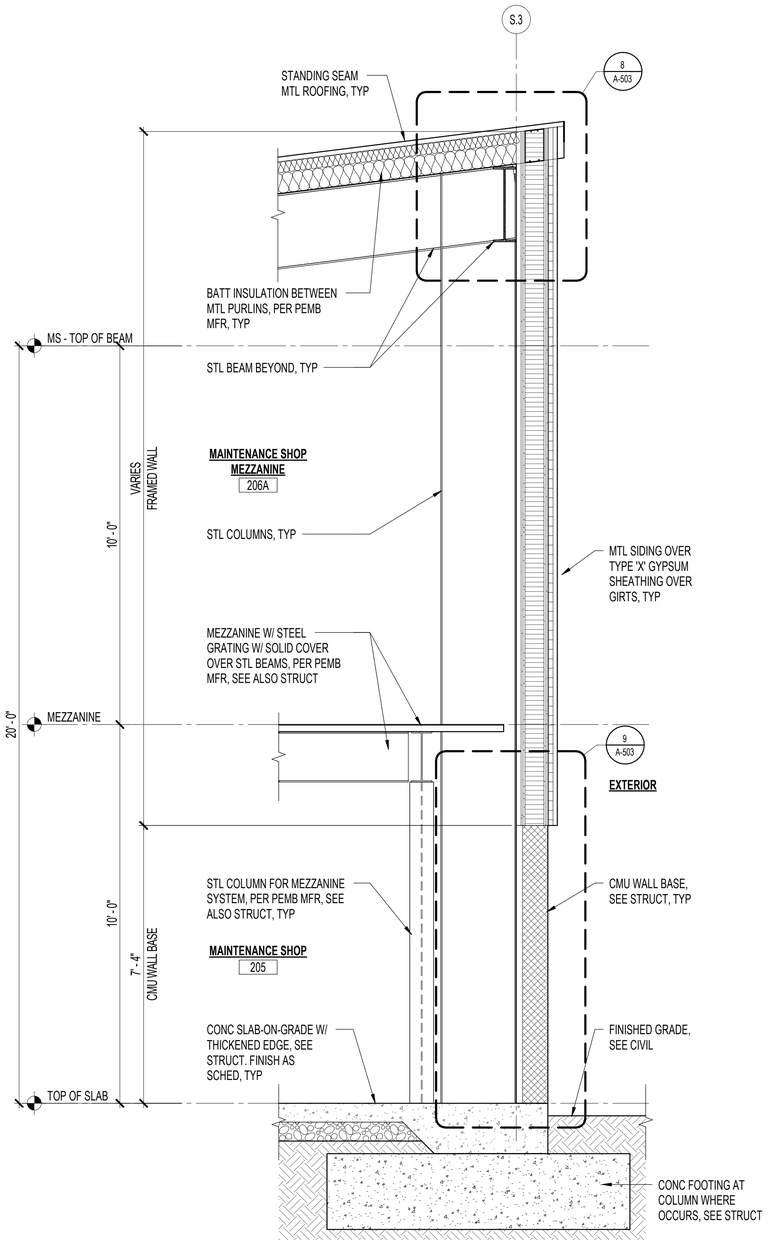
SHEET
A-351
112 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



3 WALL SECTION - WALL TYPE S1000.0C

1/2" = 1'-0"



6 WALL SECTION - WALL TYPE S1000.2C

1/2" = 1'-0"

NOTE: WALL TYPE S1000.1C SIM

0 1' 2' 4'

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

WALL SECTIONS

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

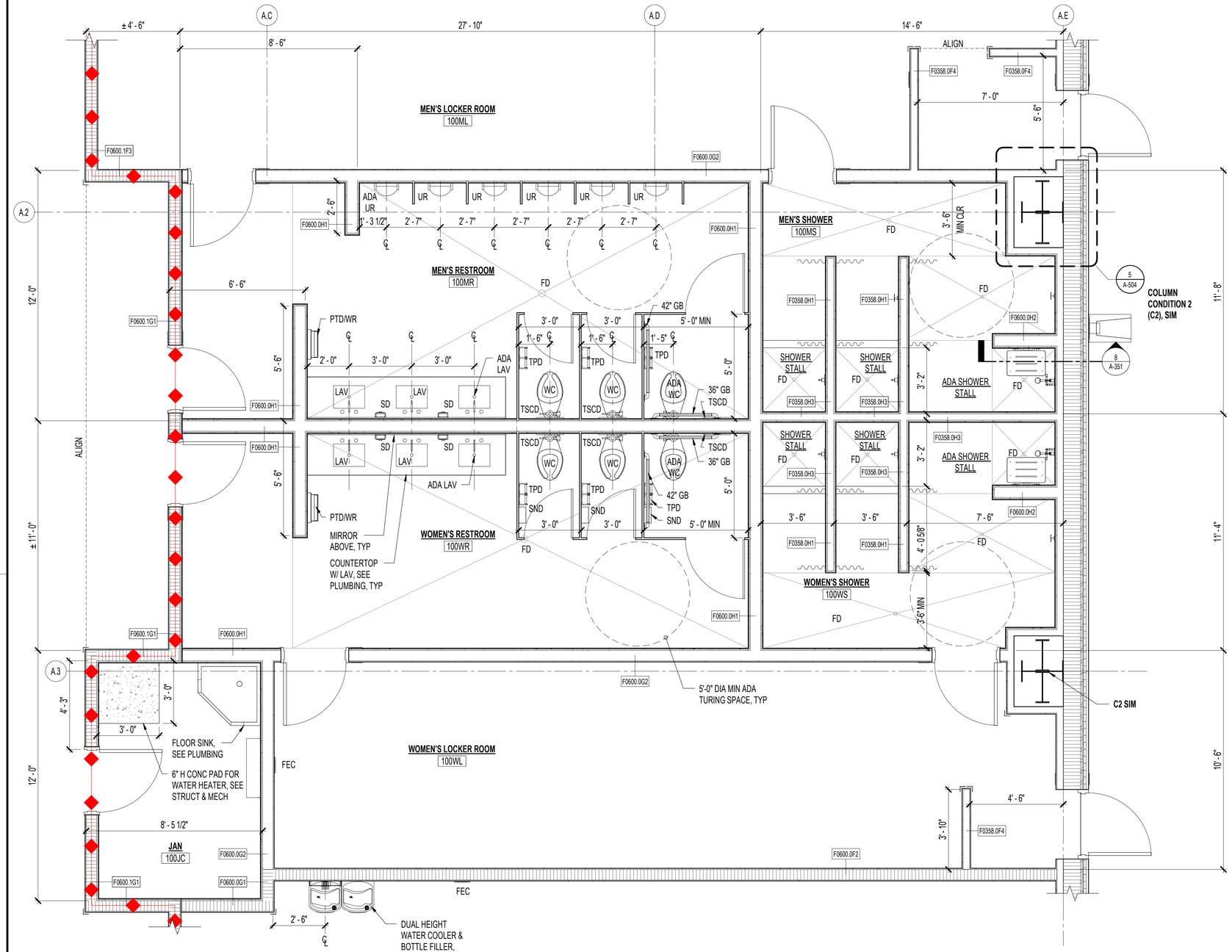
P10882

SHEET

A-352

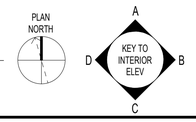
113 OF 273 SHTS.

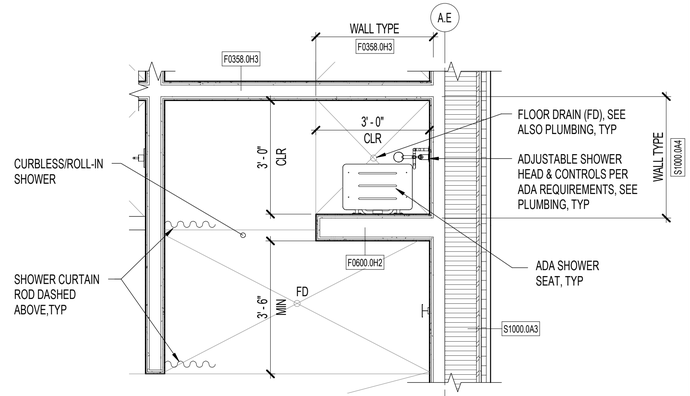
FINAL SUBMITTAL - MAY 2026



ENLARGED FLOOR PLAN - RESTROOM AND SHOWER

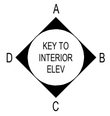
A — 3/8" = 1'-0"

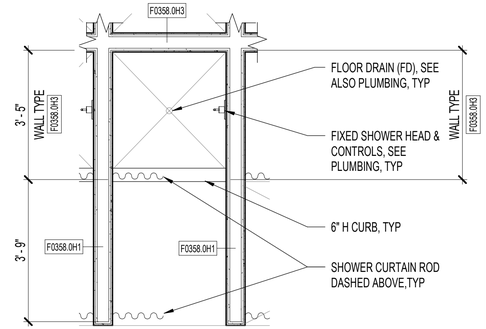




ENLARGED FLOOR PLAN - TYP ADA SHOWER STALL

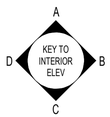
B — 1/2" = 1'-0"





ENLARGED FLOOR PLAN - TYP SHOWER STALL

C — 1/2" = 1'-0"



KEY PLAN - ADMINISTRATION (NTS)



0 2' 4' 6'

SCALE: 3/8" = 1'-0"

REVISION	DATE	DESCRIPTION	BY	APPROVED

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

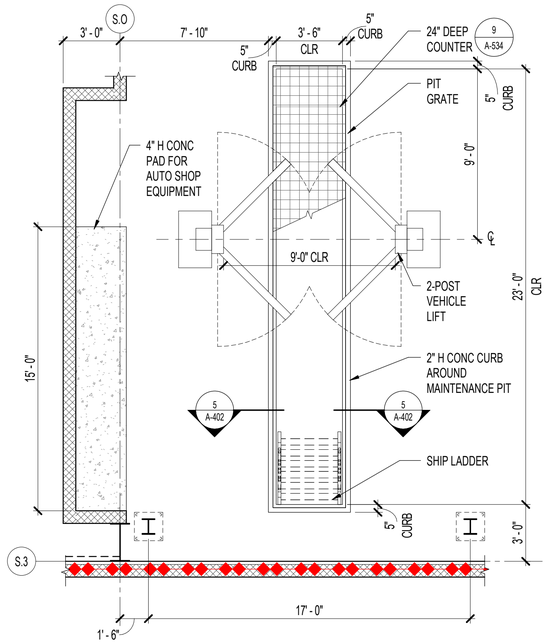
SHEET TITLE
ENLARGED RESTROOM FLOOR PLAN

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

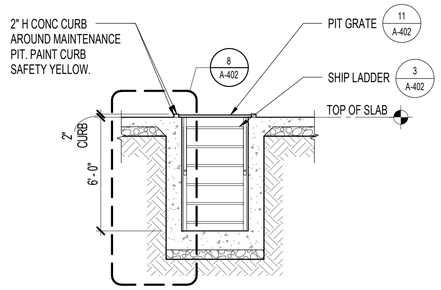
SHEET
A-401
114 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



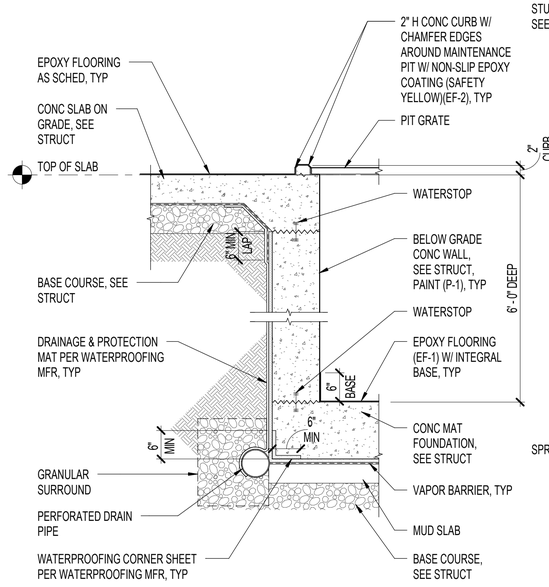
2 ENLARGED FLOOR PLAN - VEHICLE MAINTENANCE PIT

1/4" = 1'-0"



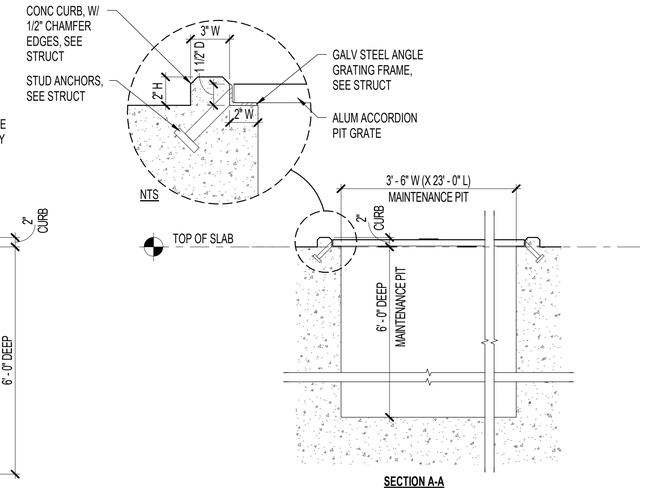
5 SECTION - VEHICLE MAINTENANCE PIT

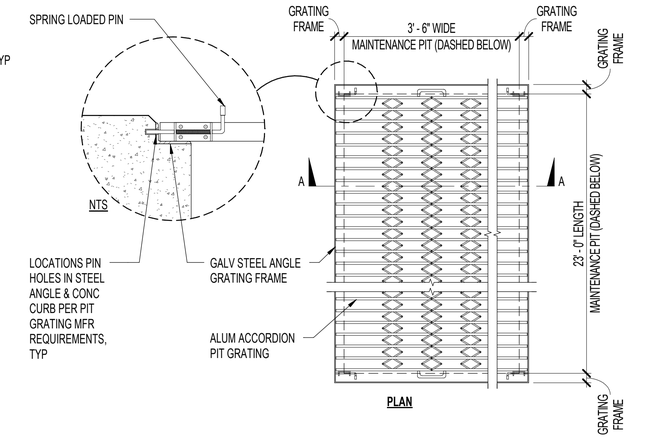
1/4" = 1'-0"



8 WATERPROOFING AT MAINTENANCE PIT

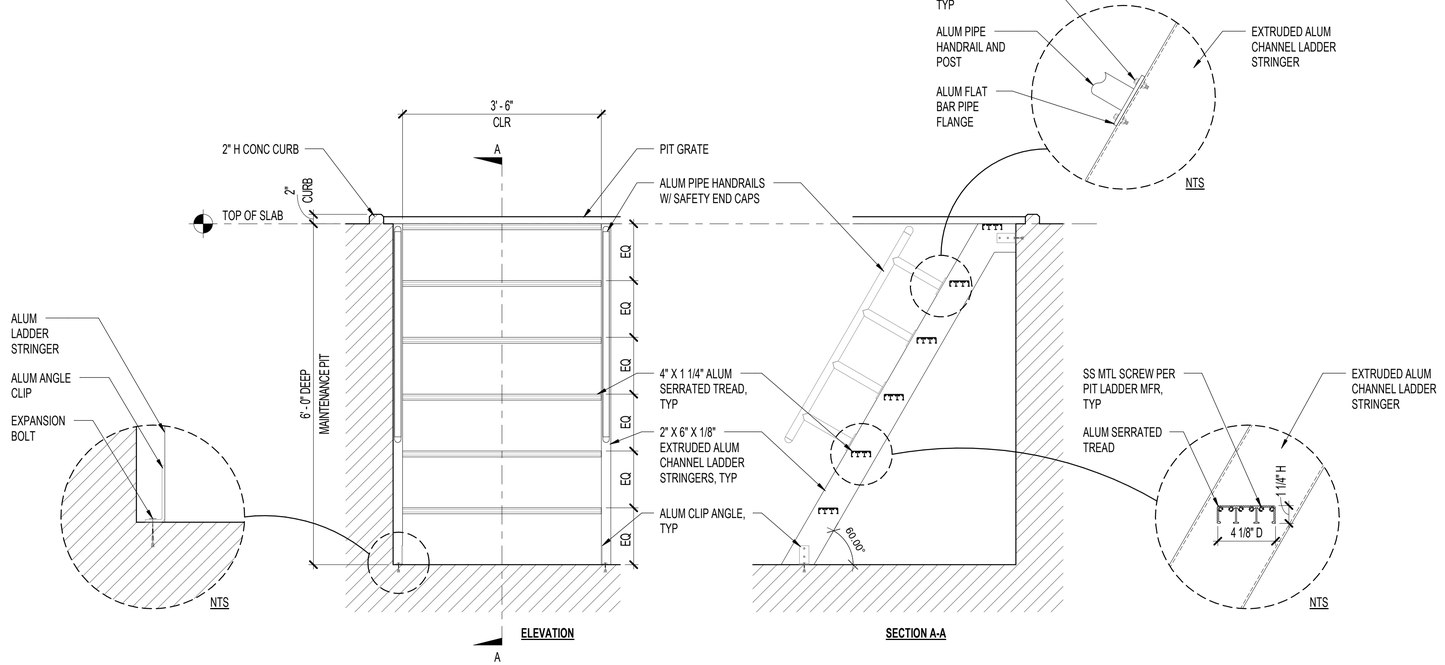
3/4" = 1'-0"





11 GRATING AT MAINTENANCE PIT

3/4" = 1'-0"



3 SHIPS LADDER AT MAINTENANCE PIT

3/4" = 1'-0"

0 2' 4' 8'

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

0 1' 2' 3'

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

ENLARGED VEHICLE PIT FLOOR PLAN & DETAILS

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

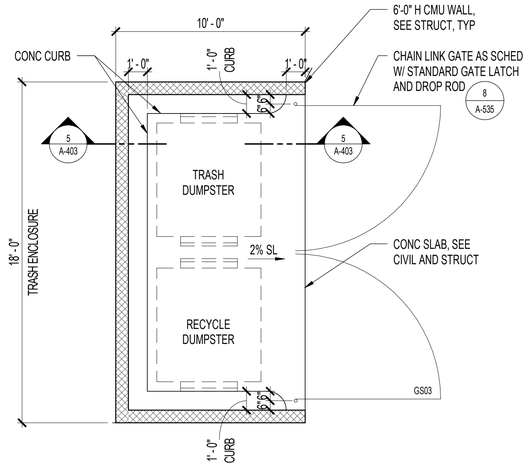
DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER P10882

SHEET A-402

115 OF 273 SHTS.

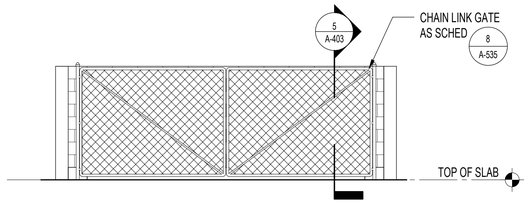
FINAL SUBMITTAL - MAY 2026



1 ENLARGED FLOOR PLAN - TRASH ENCLOSURE

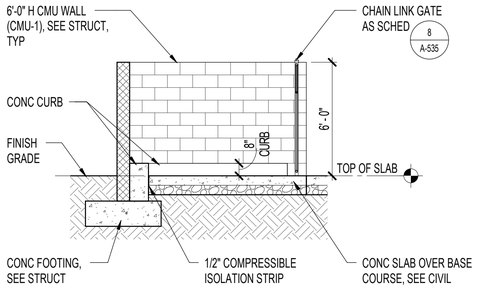
1/4" = 1'-0"

PLAN NORTH



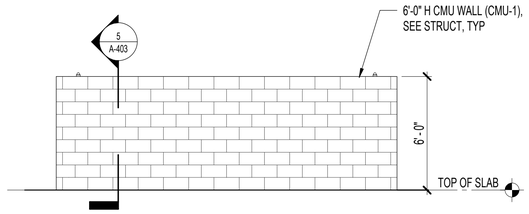
2 EAST ELEVATION - TRASH ENCLOSURE

1/4" = 1'-0"



5 SECTION - TRASH ENCLOSURE

1/4" = 1'-0"



3 WEST ELEVATION - TRASH ENCLOSURE

1/4" = 1'-0"

0 2' 4' 8'

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

ENLARGED TRASH ENCLOSURE FLOOR PLAN, ELEVATION, SECTION

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

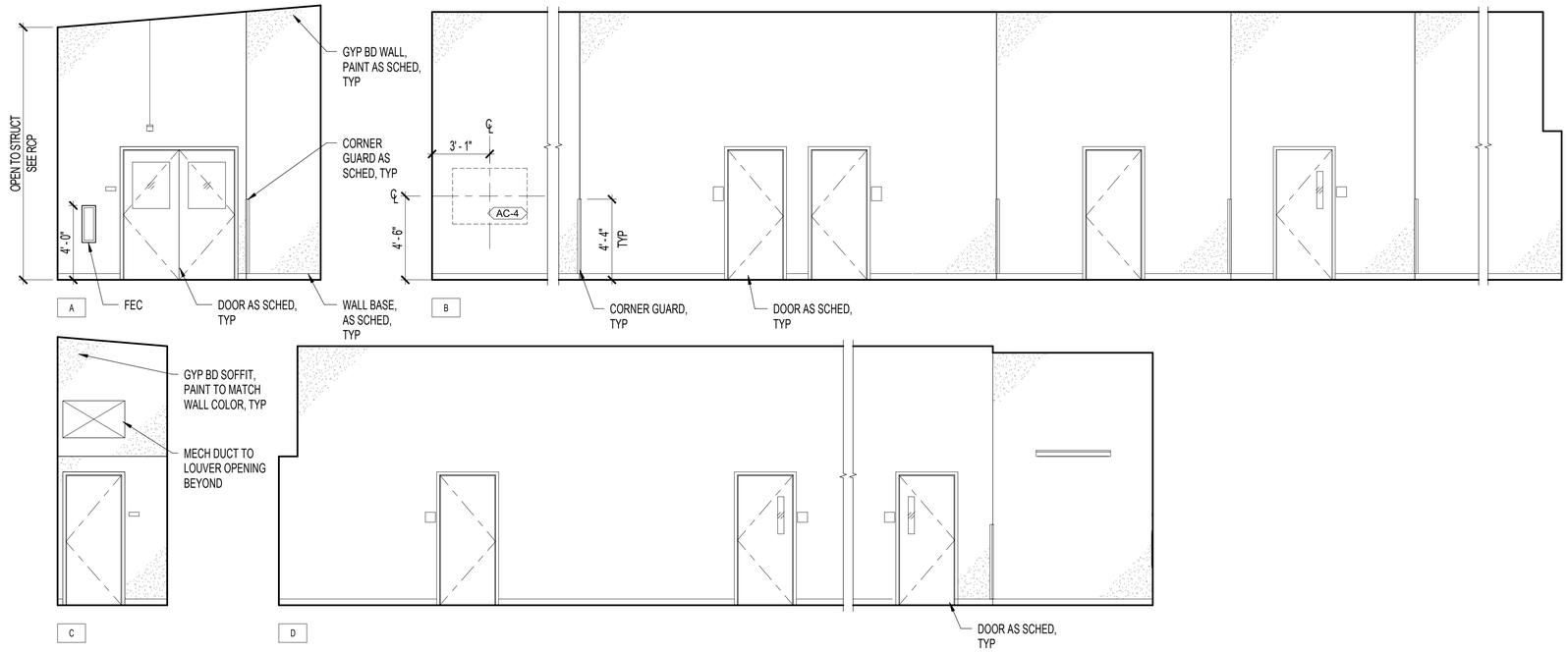
P10882

SHEET

A-403

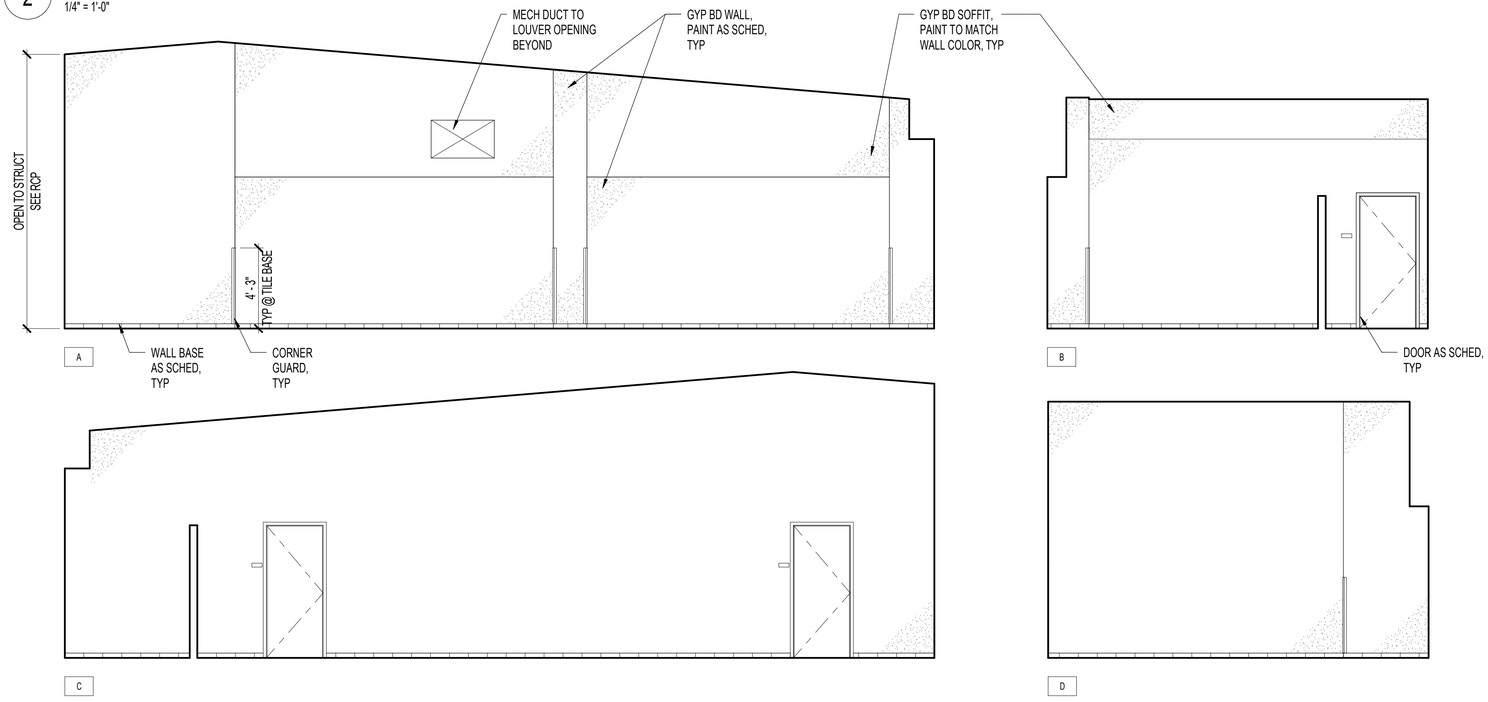
116 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



2 INTERIOR ELEVATION - LOBBY (100)

1/4" = 1'-0"



3 INTERIOR ELEVATION - MEN'S LOCKER ROOM (100ML)

1/4" = 1'-0"

0 2' 4' 8'

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

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

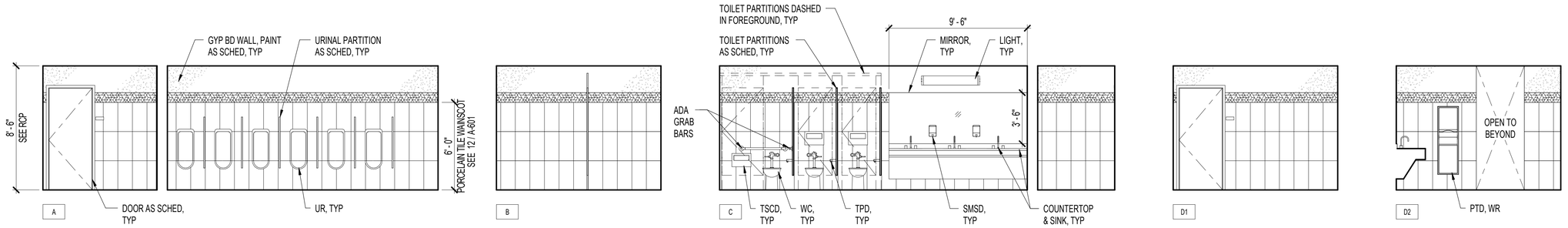
SHEET TITLE
INTERIOR ELEVATIONS

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

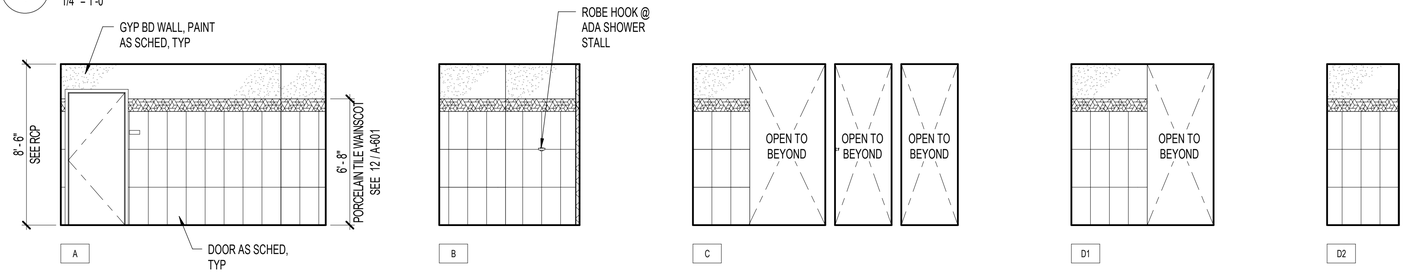
SHEET
A-411
117 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



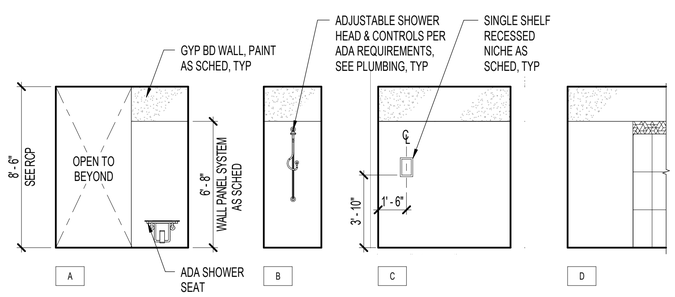
1 INTERIOR ELEVATION - MEN'S RESTROOM (100MR)

1/4" = 1'-0"



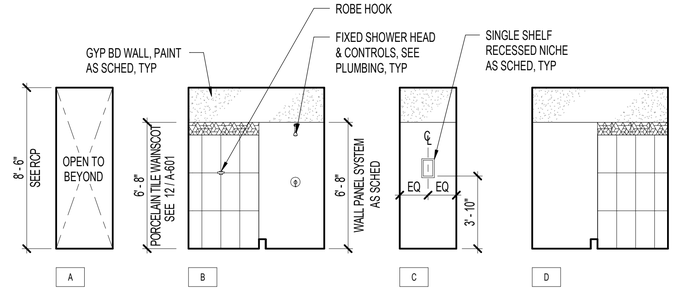
2 INTERIOR ELEVATION - MEN'S SHOWER (100MR-A)

1/4" = 1'-0"



3 INTERIOR ELEVATION - TYPICAL MEN'S ADA SHOWER STALL (WOMEN'S SIM)

1/4" = 1'-0"



7 INTERIOR ELEVATION - TYPICAL MEN'S TYP SHOWER STALL (WOMEN'S SIM)

1/4" = 1'-0"

0 2' 4' 8'

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

INTERIOR ELEVATIONS

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

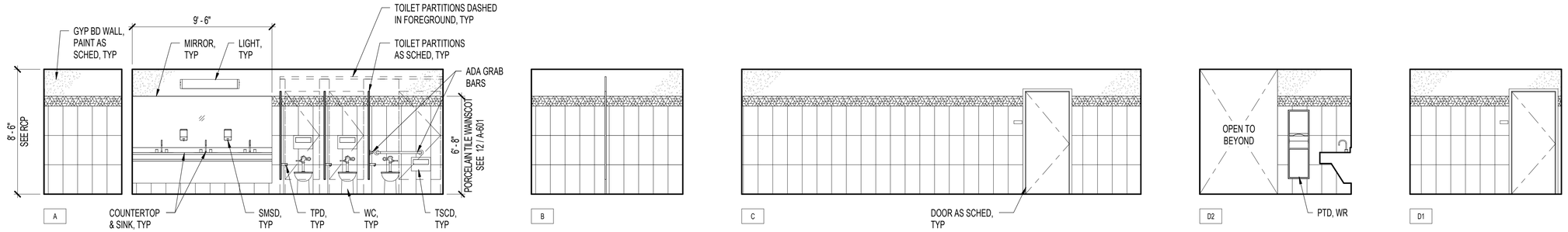
P10882

SHEET

A-412

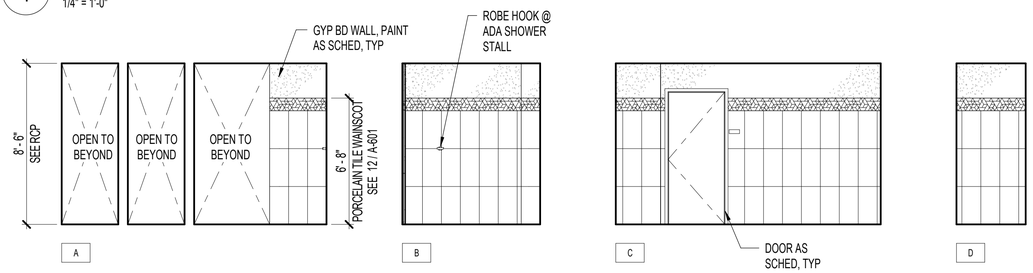
118 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



1 INTERIOR ELEVATION - WOMEN'S RESTROOM (100WR)

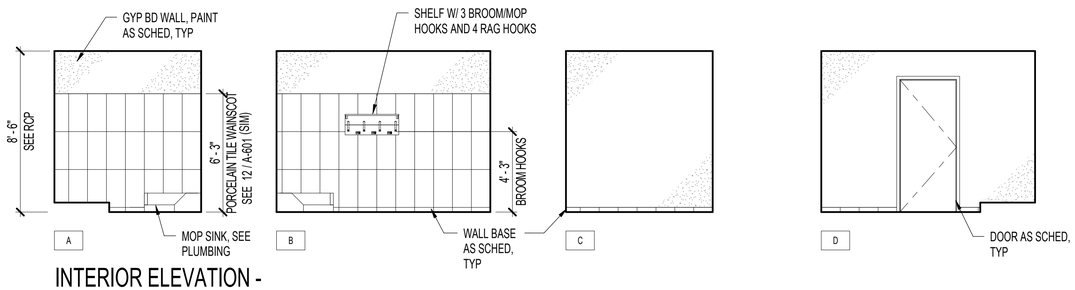
1/4" = 1'-0"



2 INTERIOR ELEVATION - WOMEN'S SHOWER (100WR-A)

1/4" = 1'-0"

FOR TYPICAL SHOWER STALL & ADA SHOWER STALL (3 / A-412) (7 / A-412)



3 INTERIOR ELEVATION - JANITOR'S CLOSET (100JC)

1/4" = 1'-0"

0 2' 4' 8'

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

LAURIE A. CHIKAZAWA LICENSED PROFESSIONAL ARCHITECT No. 17476 HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

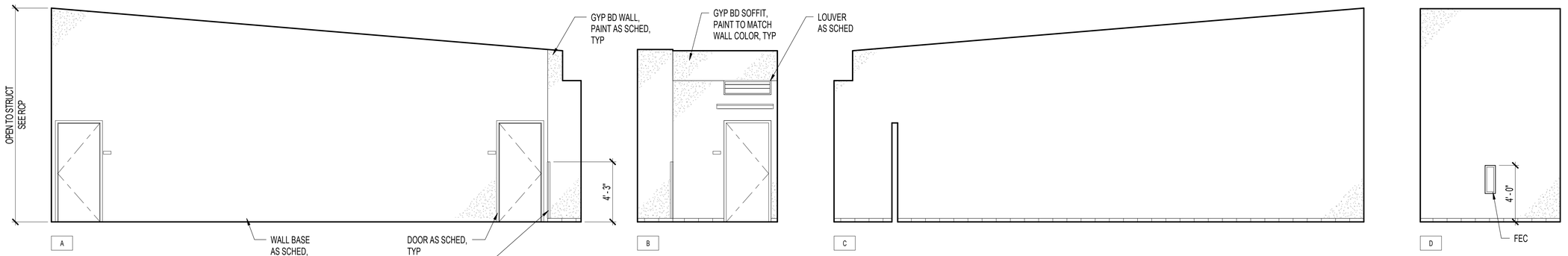
SHEET TITLE
INTERIOR ELEVATIONS

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

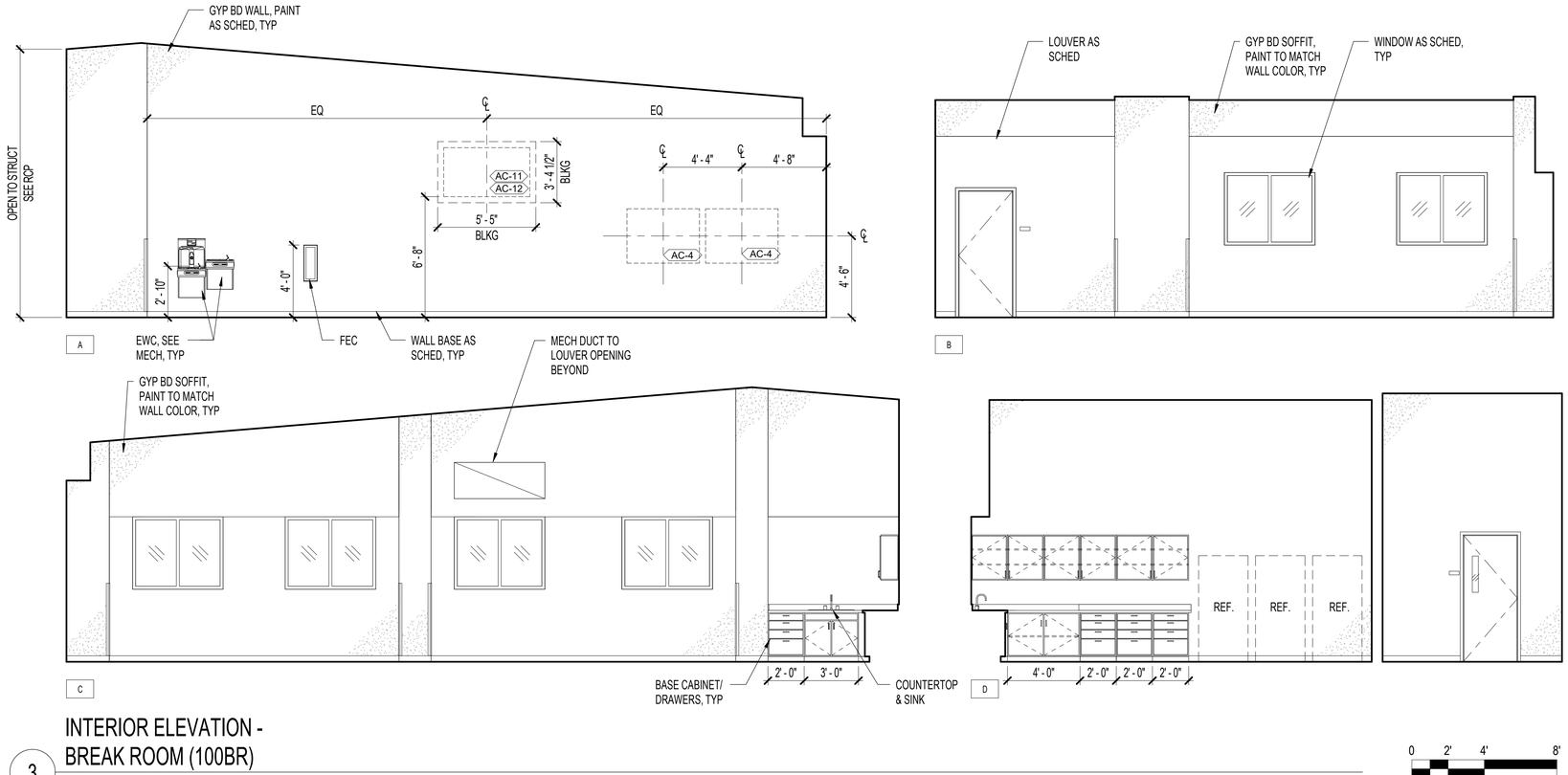
SHEET
A-413
119 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



1 INTERIOR ELEVATION - WOMENS LOCKER ROOM (100WL)

1/4" = 1'-0"



3 INTERIOR ELEVATION - BREAK ROOM (100BR)

1/4" = 1'-0"

0 2' 4' 8'

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

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

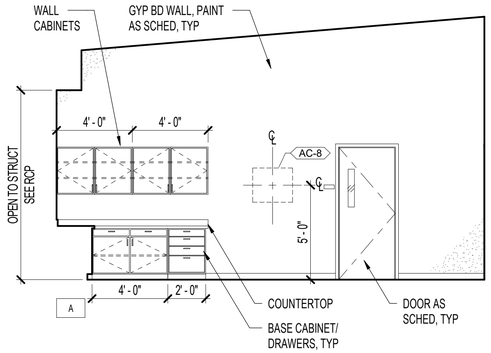
SHEET TITLE
INTERIOR ELEVATIONS

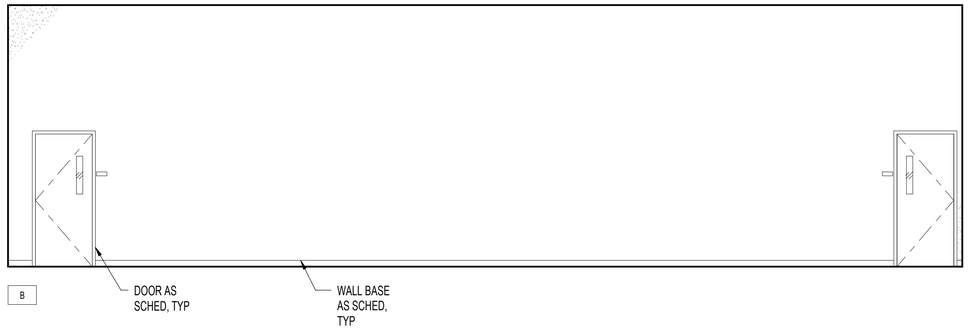
DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

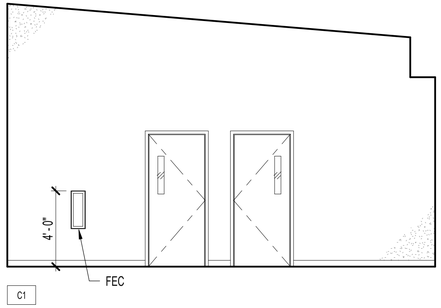
JOB NUMBER
P10882

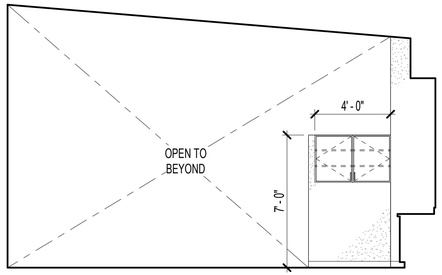
SHEET
A-414
120 OF 273 SHTS.

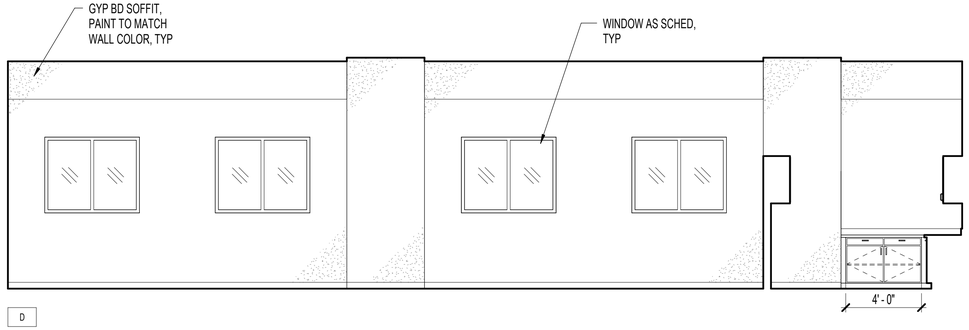
FINAL SUBMITTAL - MAY 2026





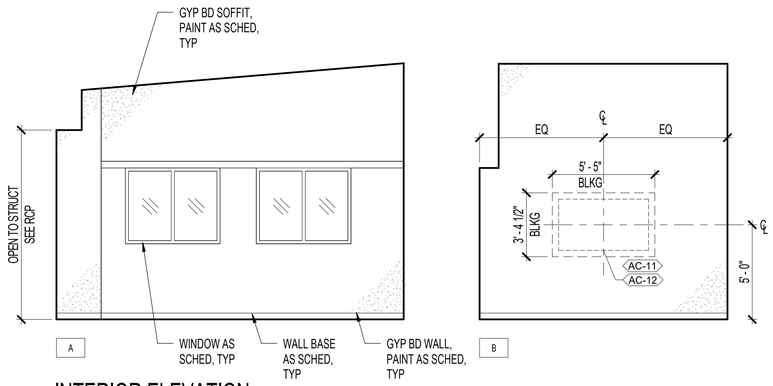






2 INTERIOR ELEVATION - OPEN OFFICE (101)

1/4" = 1'-0"



3 INTERIOR ELEVATION - CONFERENCE ROOM (102)

1/4" = 1'-0"

0 2' 4' 8'

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

LAURIE A. CHIKAZAWA
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HAWAII, USA

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RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

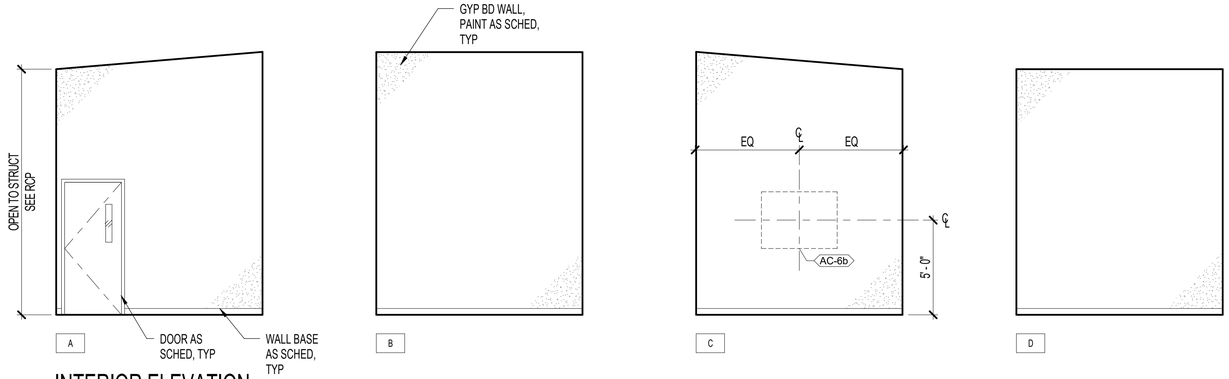
SHEET TITLE
INTERIOR ELEVATIONS

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

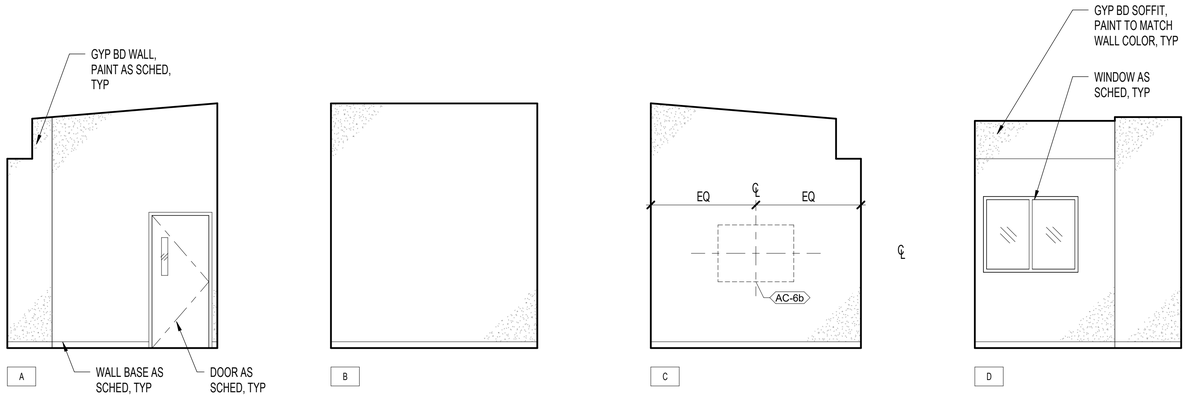
SHEET
A-415
121 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



1 INTERIOR ELEVATION - OFFICE 1 (103)

1/4" = 1'-0"



2 INTERIOR ELEVATION - OFFICE 2 (104)

1/4" = 1'-0"

0 2' 4' 8'

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

LAURIE A. CHIKAZAWA
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HAWAII, USA

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RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

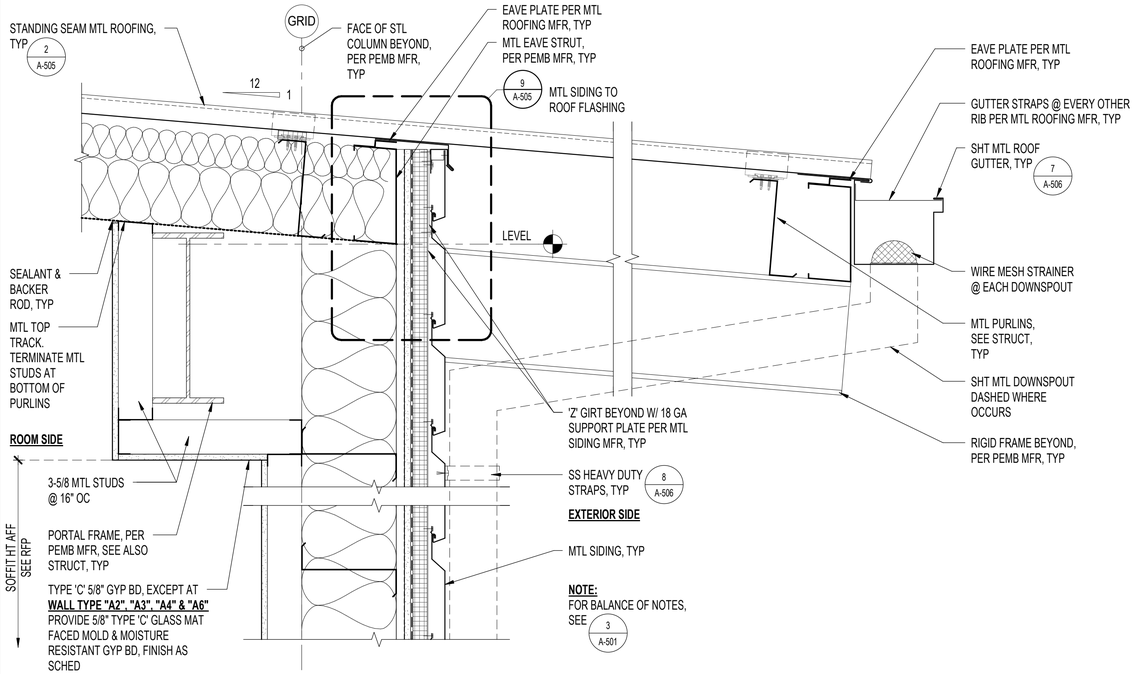
SHEET TITLE
INTERIOR ELEVATIONS

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DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

SHEET
A-416
122 OF 273 SHTS.

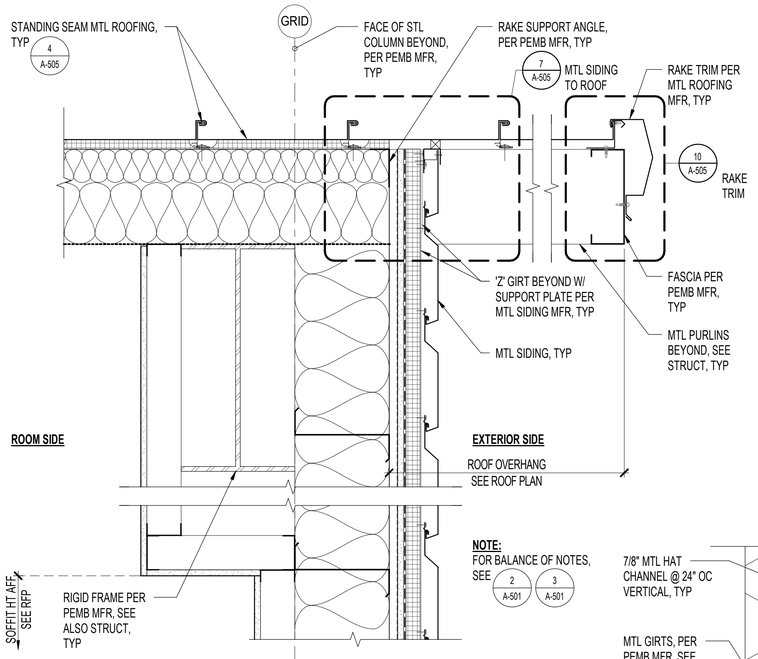
FINAL SUBMITTAL - MAY 2026



2 EXTERIOR WALL TO ROOF - ADMIN

S1000.0A

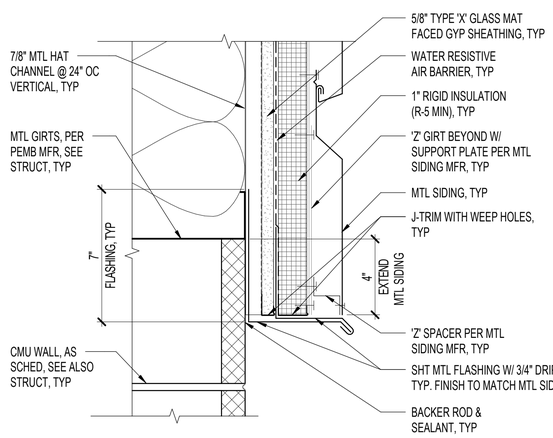
1 1/2" = 1'-0"



5 EXTERIOR WALL TO ROOF - ADMIN

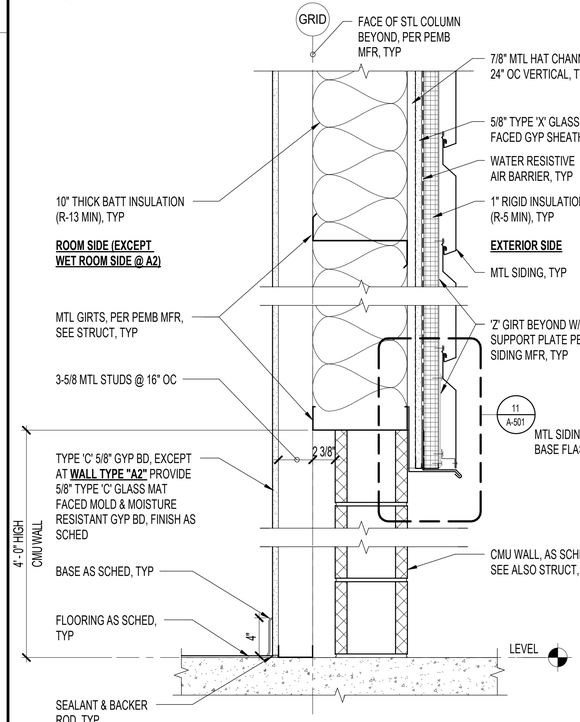
S1000.0A

1 1/2" = 1'-0"



11 MTL SIDING - BASE FLASHING

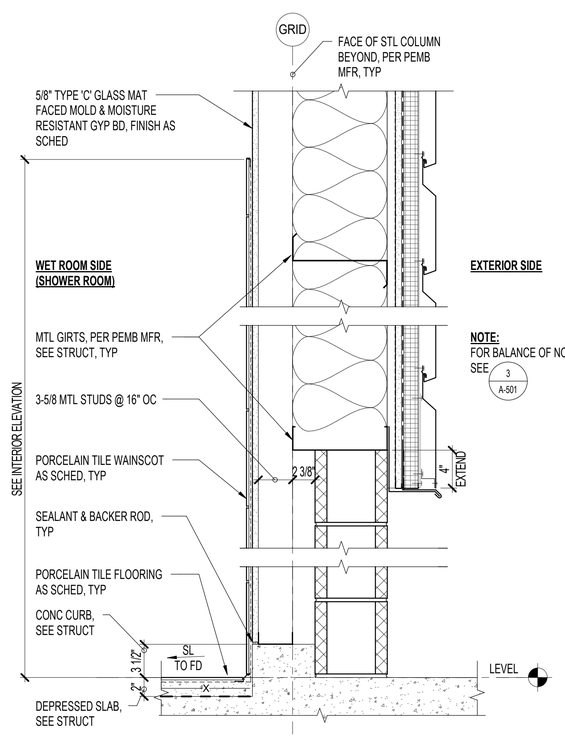
3" = 1'-0"



3 EXTERIOR WALL BASE - ADMIN

S1000.0A1
S1000.0A2

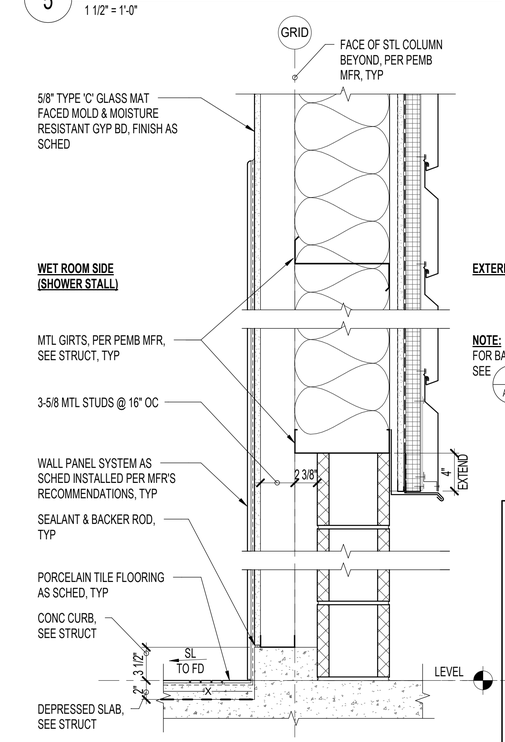
1 1/2" = 1'-0"



6 EXTERIOR WALL BASE - ADMIN

S1000.0A3

1 1/2" = 1'-0"



9 EXTERIOR WALL BASE - ADMIN

S1000.0A4

1 1/2" = 1'-0"

0 3" 6" 9"

SCALE: 3" = 1'-0"

0 6" 1' 18"

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

DETAILS - EXTERIOR WALL

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

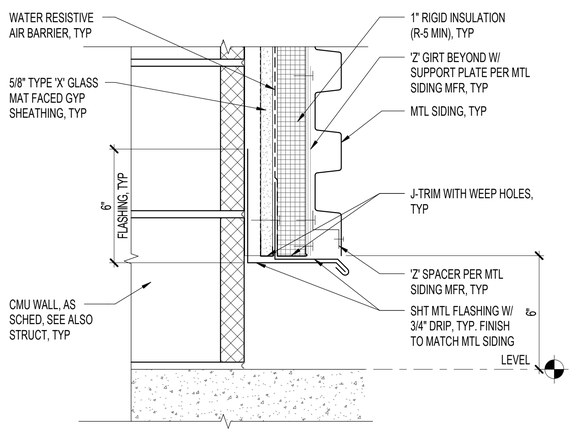
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DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER P10882

SHEET A-501

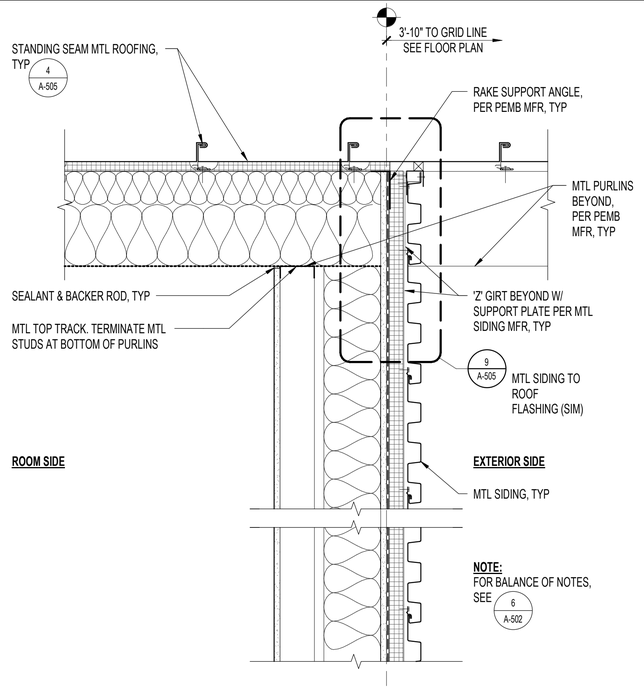
123 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



2 MTL SIDING - BASE FLASHING

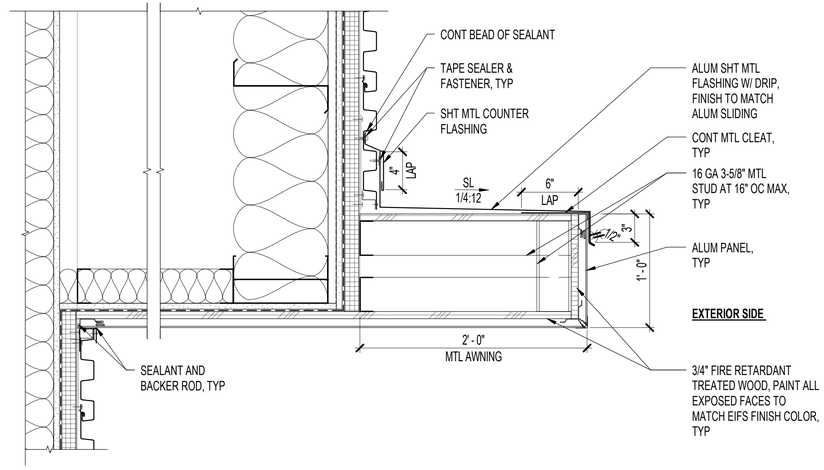
3" = 1'-0"



5 EXTERIOR WALL TO ROOF - ADMIN

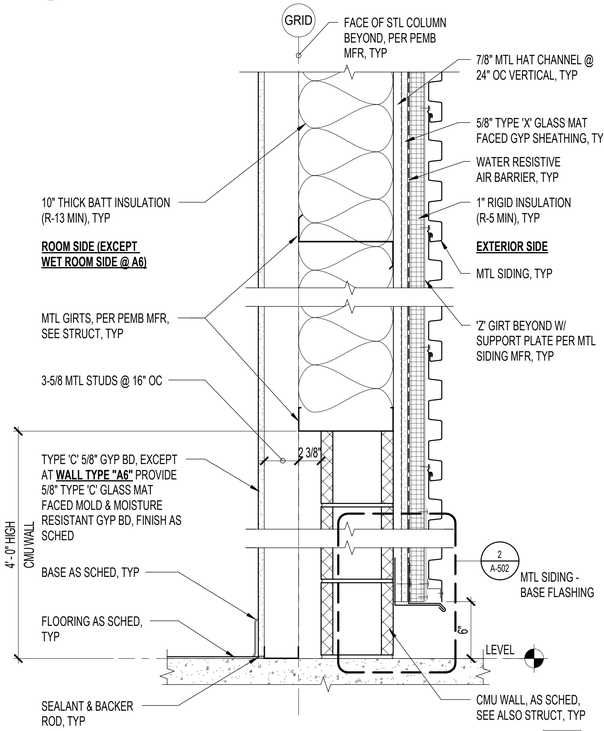
1 1/2" = 1'-0"

S0600.0B1
S0600.0B2



8 METAL AWNING @ ADMINISTRATION

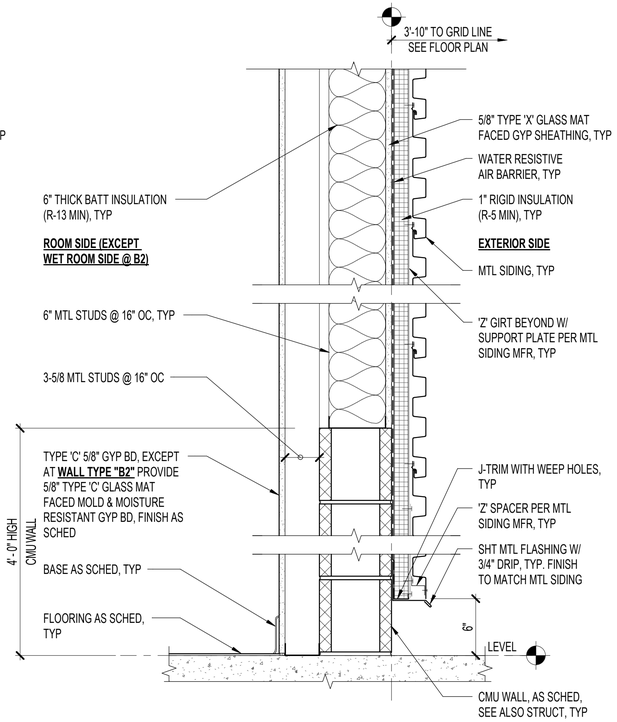
1 1/2" = 1'-0"



3 EXTERIOR WALL BASE - ADMIN

1 1/2" = 1'-0"

S1000.0A5
S1000.0A6



6 EXTERIOR WALL BASE - ADMIN

1 1/2" = 1'-0"

S0600.0B1
S0600.0B2

0 3" 6" 9"
SCALE: 3" = 1'-0"

0 6" 1' 18"
SCALE: 1-1/2" = 1'-0"

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
DETAILS - EXTERIOR WALL

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

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EXP 4-30-28

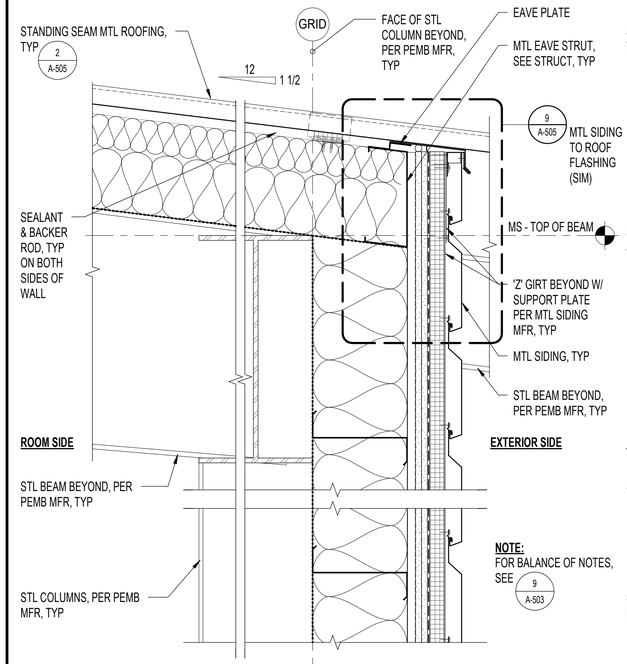
RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

SHEET
A-502
124 OF 273 SHTS.

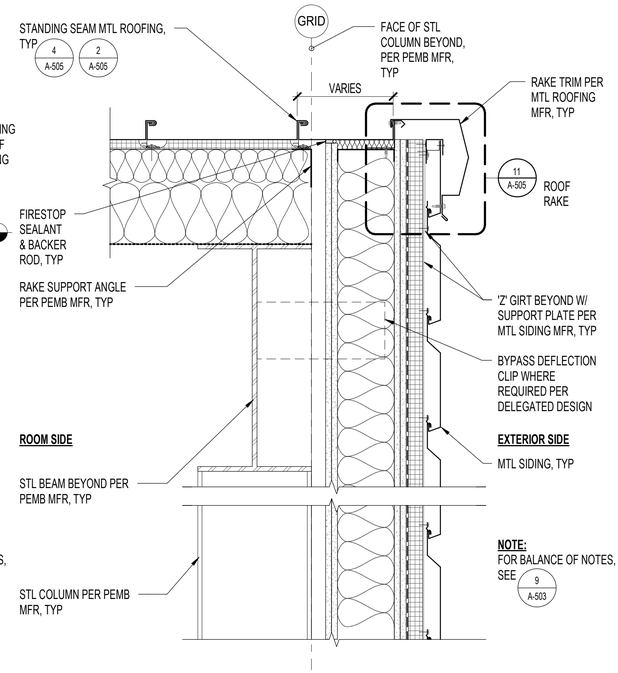
FINAL SUBMITTAL - MAY 2026



2 EXTERIOR WALL TO ROOF - MAINT SHOP

S1000.0C

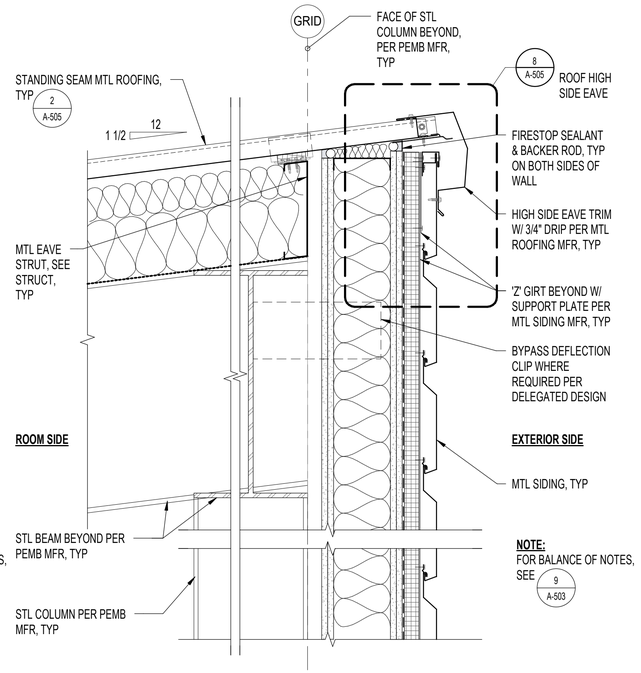
1 1/2" = 1'-0"



5 EXTERIOR WALL TO ROOF - MAINT SHOP

S1000.2C
S1000.1C

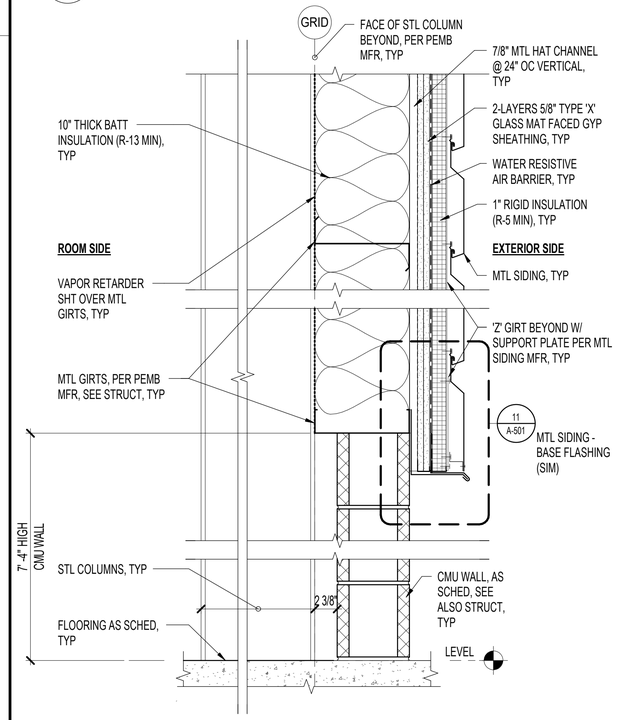
1 1/2" = 1'-0"



8 EXTERIOR WALL TO ROOF - MAINT SHOP

S1000.2C

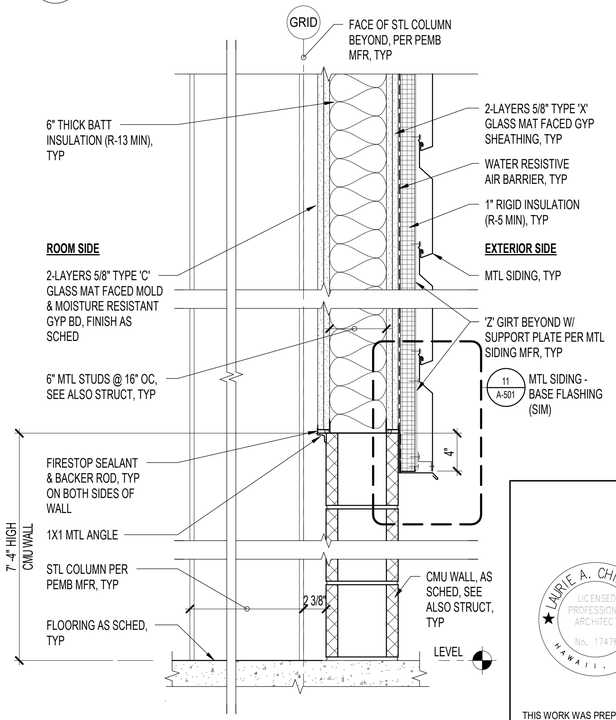
1 1/2" = 1'-0"



3 EXTERIOR WALL BASE - MAINT SHOP

S1000.0C

1 1/2" = 1'-0"



9 EXTERIOR WALL BASE - MAINT SHOP

S1000.2C
S1000.1C

1 1/2" = 1'-0"

0 6" 1' 18"

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-28

RMA ARCHITECTS INC

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

DETAILS - EXTERIOR WALL

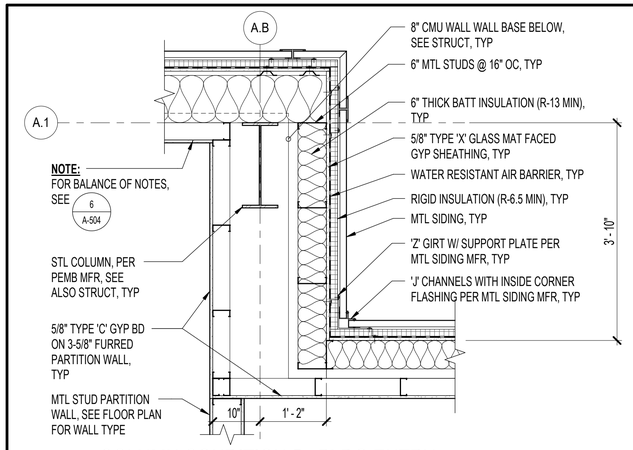
DESIGNED BY:	LC
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CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER P10882

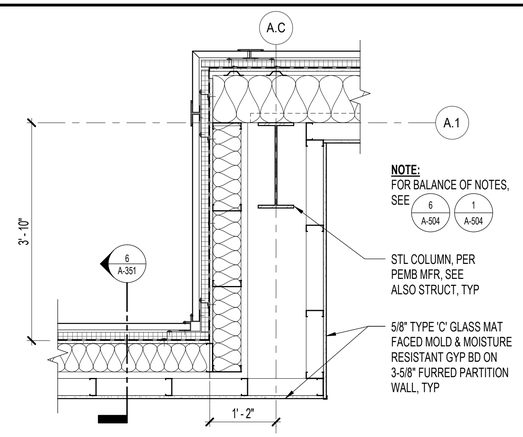
SHEET A-503

125 OF 273 SHTS.

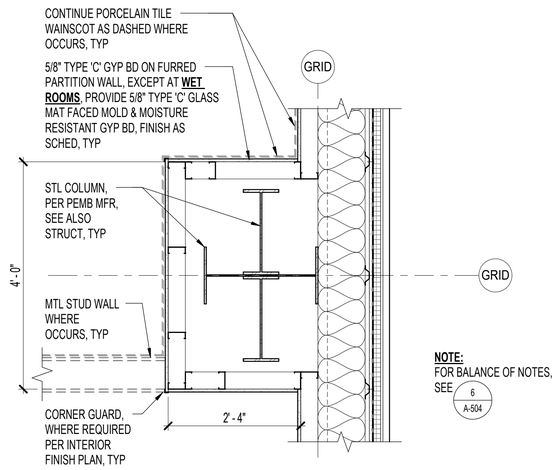
FINAL SUBMITTAL - MAY 2026



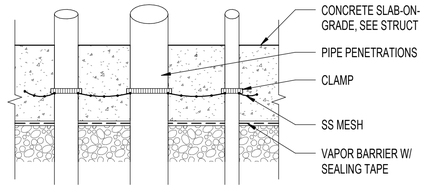
1 COLUMN CONDITION 5 - BLDG ENTRY
3/4" = 1'-0"



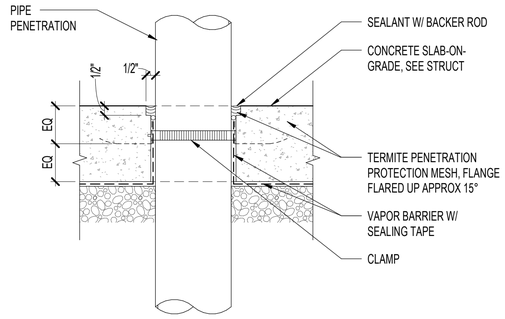
4 COLUMN CONDITION 4 - BLDG ENTRY
3/4" = 1'-0"



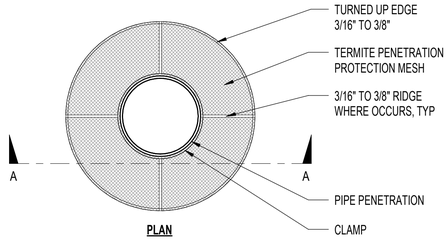
5 COLUMN CONDITION 2
3/4" = 1'-0"



CLUSTER PIPE PENETRATIONS



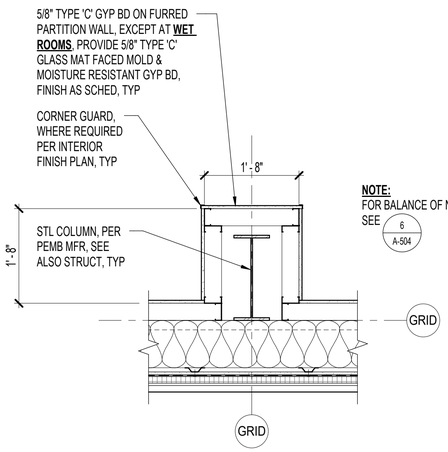
SECTION A-A



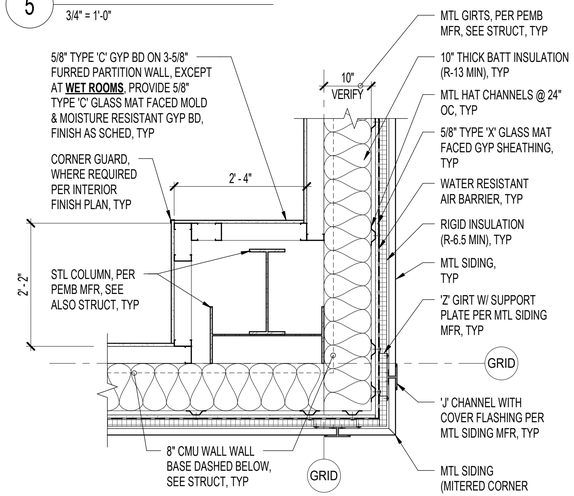
PLAN

NOTE:
1. MESH FLANGE IS FIXED SO AS NOT TO INTERFERE WITH VAPOR BARRIER.
2. ENSURE THE MESH IS NOT IN CONTACT WITH THE REINFORCING STEEL. WHERE NECESSARY, ISOLATE THE STAINLESS STEEL MESH FROM THE REINFORCING STEEL.

8 PIPE PENETRATION THRU SLAB
3" = 1'-0"



3 COLUMN CONDITION 3
3/4" = 1'-0"



6 COLUMN CONDITION 1
3/4" = 1'-0"

0 3" 6" 9"
SCALE: 3" = 1'-0"

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
DETAILS - SLAB & COLUMNS

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

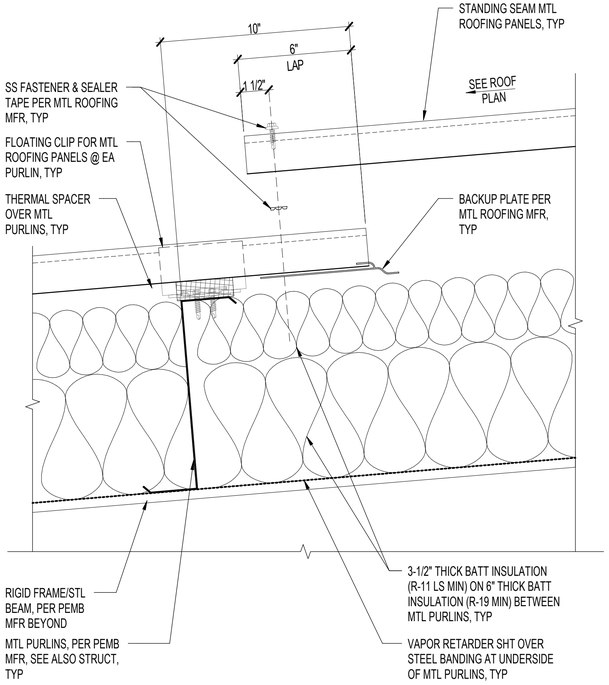
RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

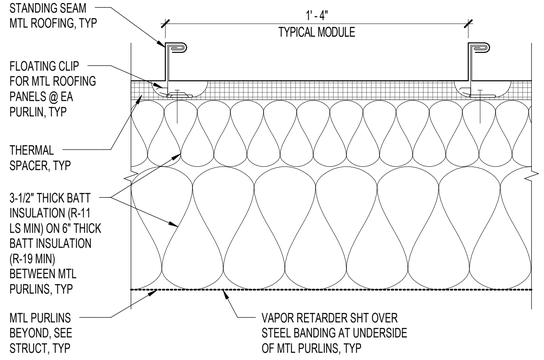
JOB NUMBER
P10882

SHEET
A-504
126 OF 273 SHTS.

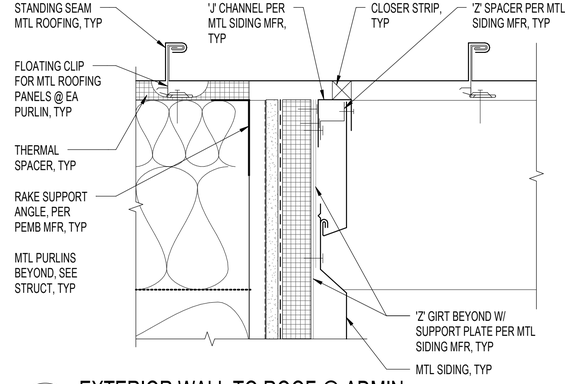
FINAL SUBMITTAL - MAY 2026



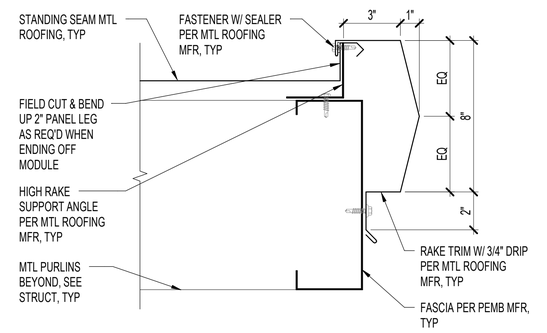
2 TYPICAL STANDING SEAM MTL ROOFING
3" = 1'-0"



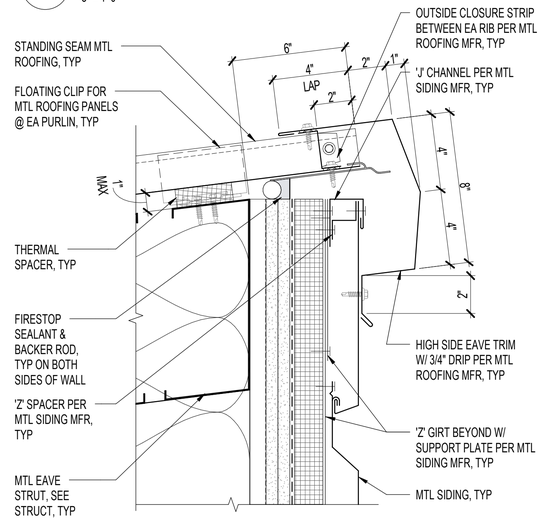
4 TYPICAL STANDING SEAM MTL ROOFING
3" = 1'-0"



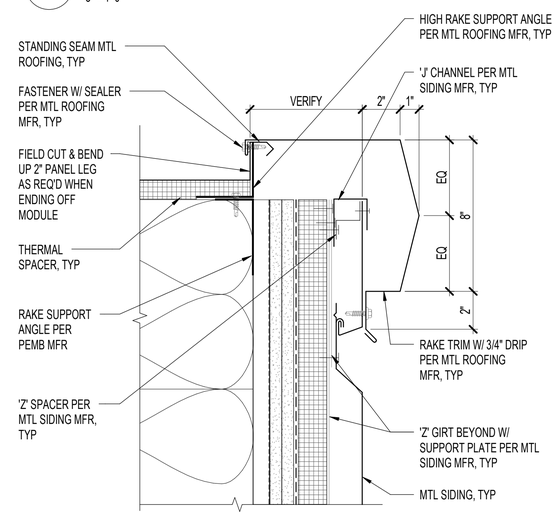
7 EXTERIOR WALL TO ROOF @ ADMIN
3" = 1'-0"



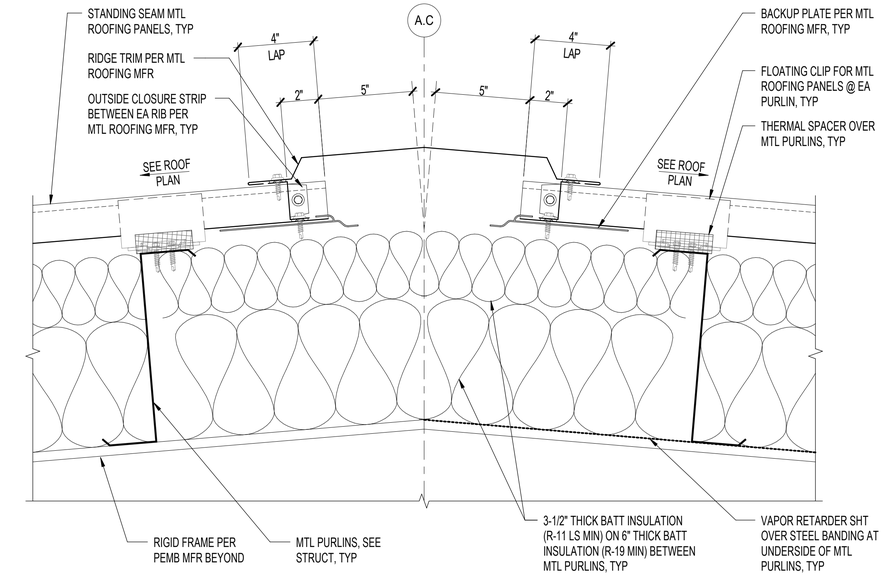
10 ROOF RAKE @ ADMIN
3" = 1'-0"



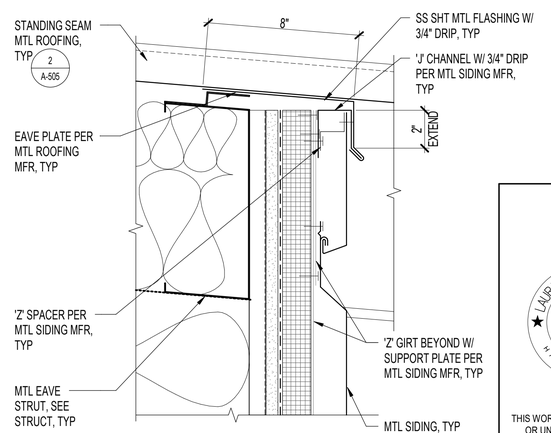
8 ROOF HIGH SIDE EAVE @ MAINTENANCE SHOP
3" = 1'-0"



11 ROOF RAKE @ MAINTENANCE SHOP
3" = 1'-0"



3 ROOF RIDGE @ ADMIN
3" = 1'-0"



9 MTL SIDING TO ROOF FLASHING
3" = 1'-0"

0 3" 6" 9"
SCALE: 3" = 1'-0"

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
DETAILS - STANDING SEAM METAL ROOF

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

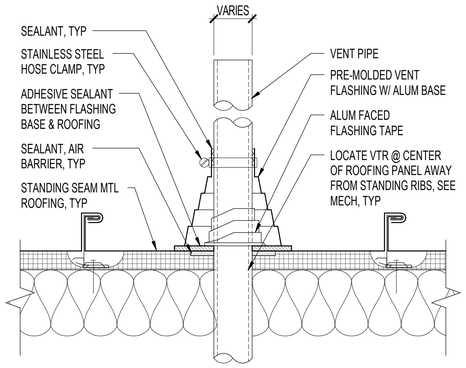
RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

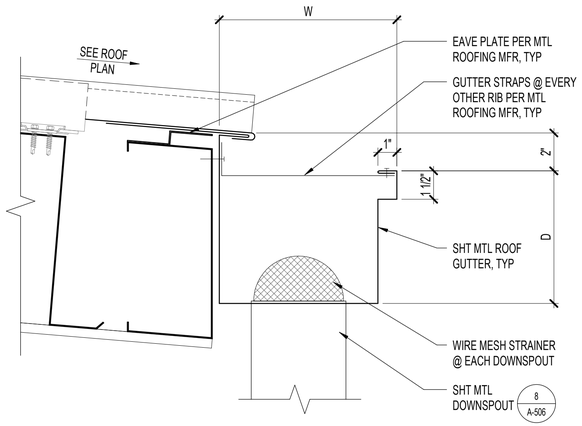
SHEET
A-505
127 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



1 VENT THRU ROOF

3" = 1'-0"

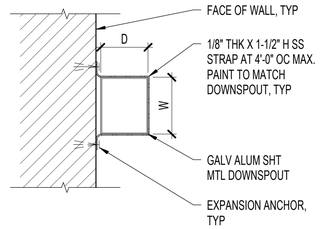


7 ROOF GUTTER @ STANDING SEAM METAL ROOF

3" = 1'-0"

GUTTER & DS NOTES:

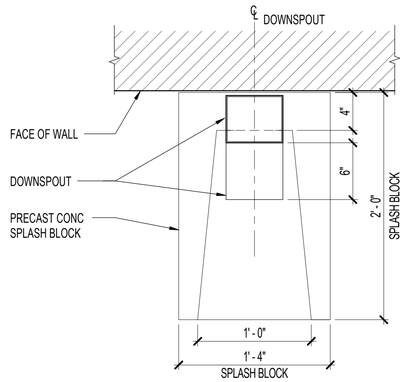
LOCATION	GUTTER SIZE	# OF DS	DS SIZE
ADMINISTRATION	9" W x 7" D	2	6" W x 4" D
MAINTENANCE SHOPS	10" W x 7 1/2" D	8	6" W x 5" D



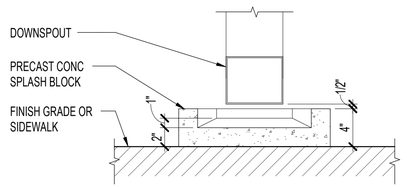
PLAN VIEW

8 DOWNSPOUT PLAN PROFILE

1 1/2" = 1'-0"



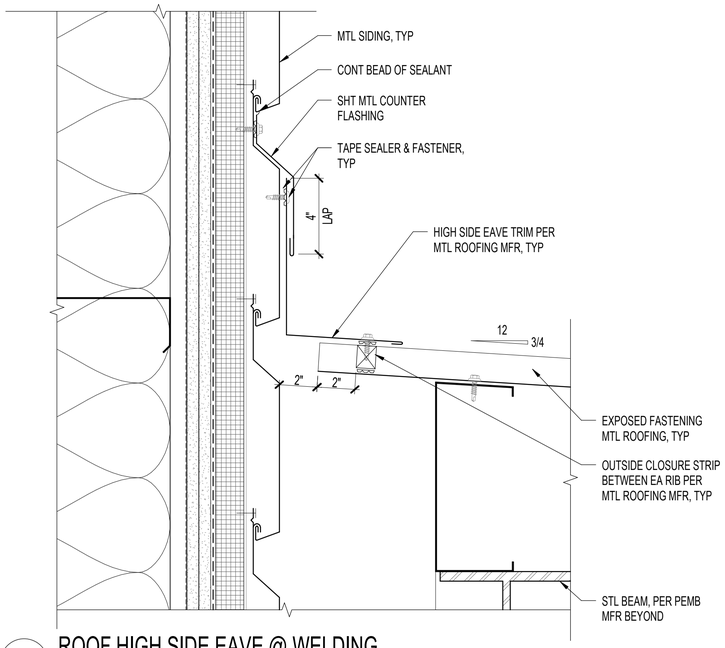
PLAN VIEW



ELEVATION: FRONT VIEW

9 SPLASH BLOCK

1 1/2" = 1'-0"



3 ROOF HIGH SIDE EAVE @ WELDING

3" = 1'-0"

0 6" 1' 18"

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

0 3" 6" 9"

SCALE: 3" = 1'-0"

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

DETAILS - ROOF, GUTTER & DOWNSPOUT

LAURIE A. CHIKAZAWA LICENSED PROFESSIONAL ARCHITECT No. 17476 HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

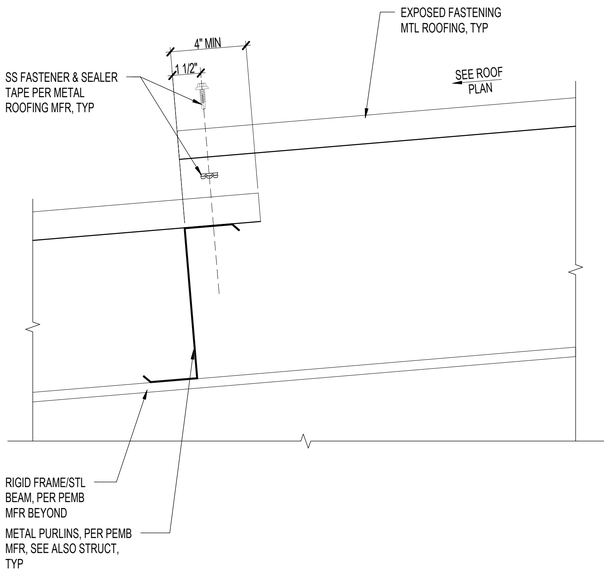
P10882

SHEET

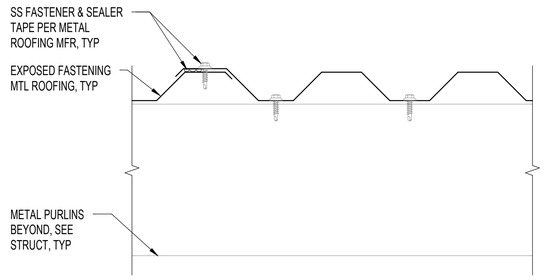
A-506

128 OF 273 SHTS.

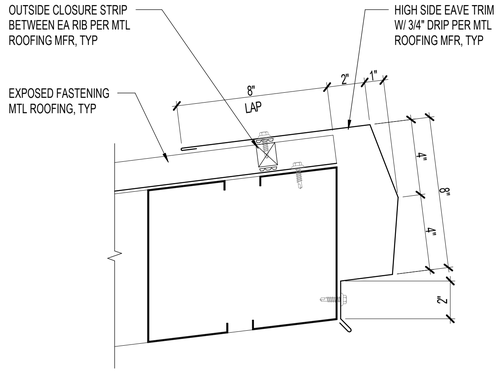
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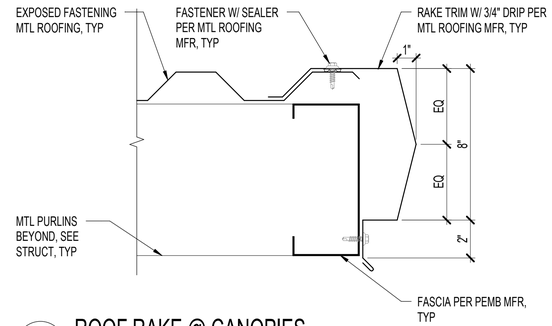
2 TYPICAL EXPOSED FASTENER MTL ROOFING
3" = 1'-0"



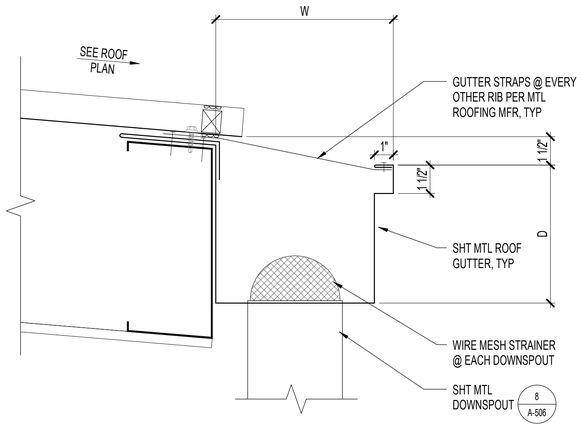
4 TYPICAL EXPOSED FASTENER MTL ROOFING
3" = 1'-0"



7 ROOF HIGH SIDE EAVE @ CANOPIES
3" = 1'-0"



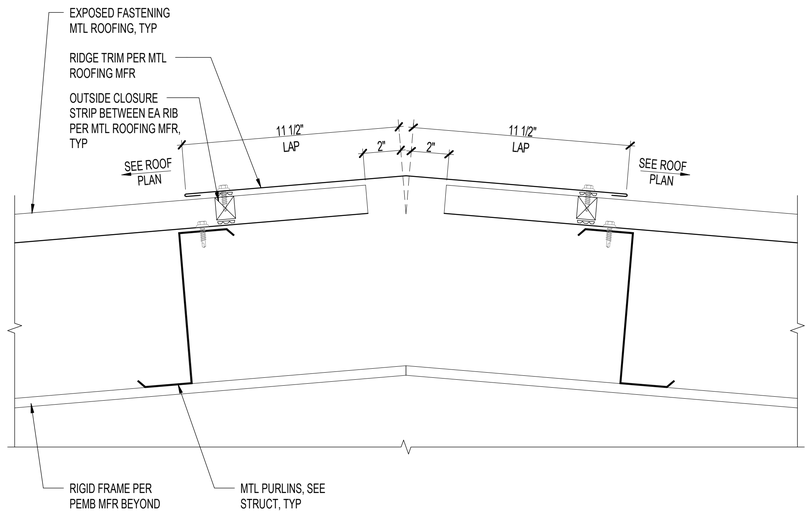
10 ROOF RAKE @ CANOPIES
3" = 1'-0"



8 ROOF GUTTER @ EXPOSED FASTENING METAL ROOF
3" = 1'-0"

GUTTER & DS NOTES:

LOCATION	GUTTER SIZE	# OF DS	DS SIZE
MATERIAL STORAGE CANOPY	6" W x 4 1/2" D	3	4" W x 3" D
AST/WASH RACK CANOPY	7" W x 5 1/2" D	2	4-1/2" W x 3-1/2" D



3 ROOF RIDGE @ MATERIALS STORAGE CANOPY
3" = 1'-0"

0 3" 6" 9"
SCALE: 3" = 1'-0"

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

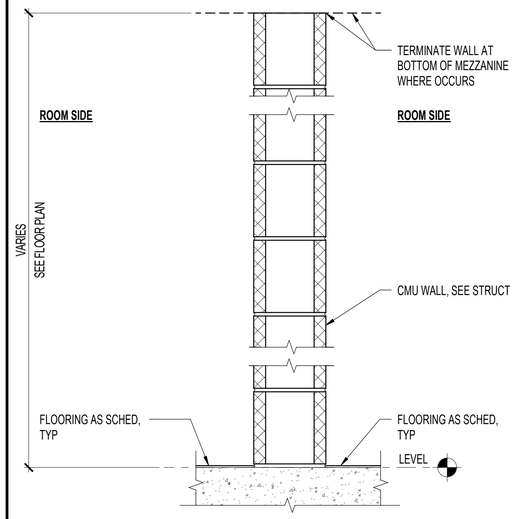
SHEET TITLE
DETAILS - EXPOSED FASTENING METAL ROOF

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

SHEET
A-507
129 OF 273 SHTS.

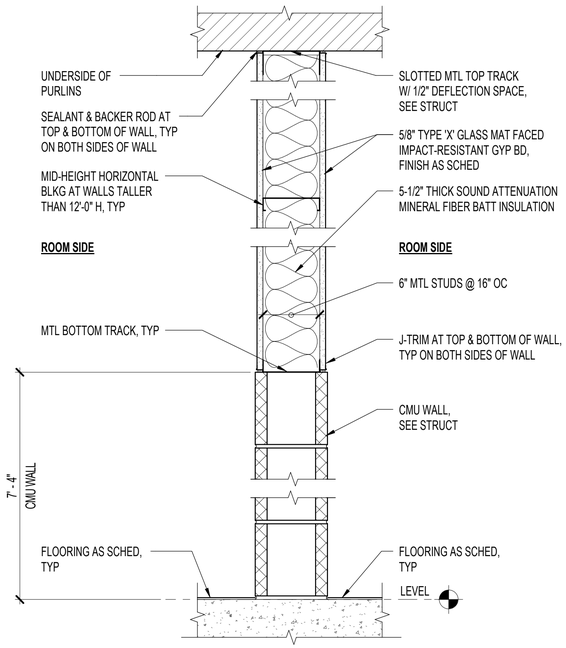
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2 MASONRY WALL TYPE "D"

M0000.0D

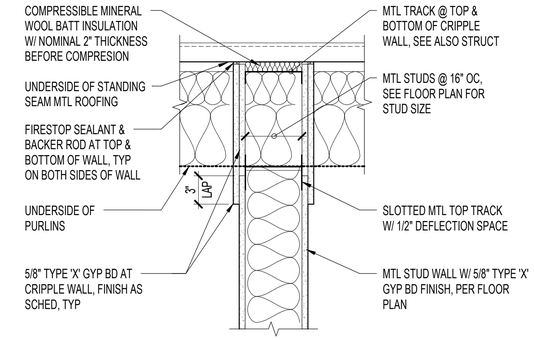
1 1/2" = 1'-0"



5 STACKED WALL TYPE "E"

S0000.0E

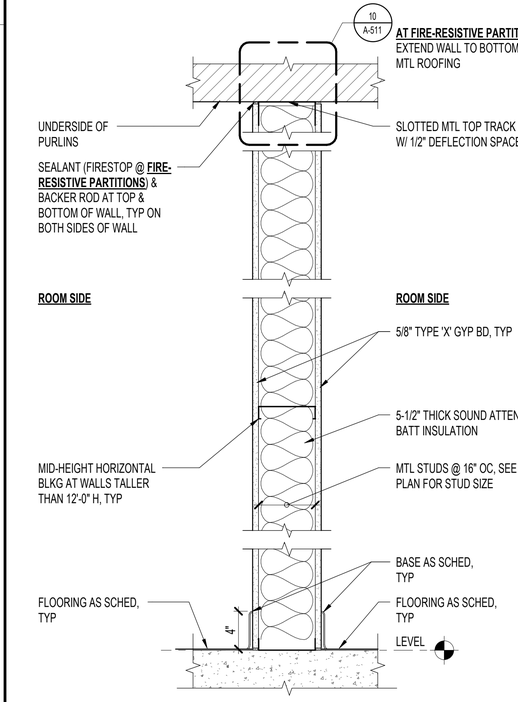
1 1/2" = 1'-0"



10 ADMIN BUILDING - TYP FRAMED WALL @ 1-HR CORRIDOR WALL

1 1/2" = 1'-0"

UL DESIGN NO. HW-D-0490

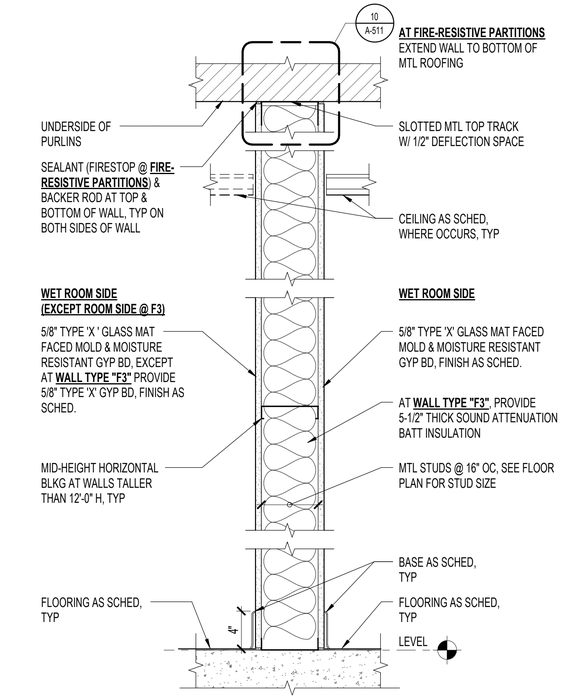


3 FRAMED WALL TYPE "F1"

F0000.0F1
F0000.1F1

1 1/2" = 1'-0"

UL DESIGN NO. U419

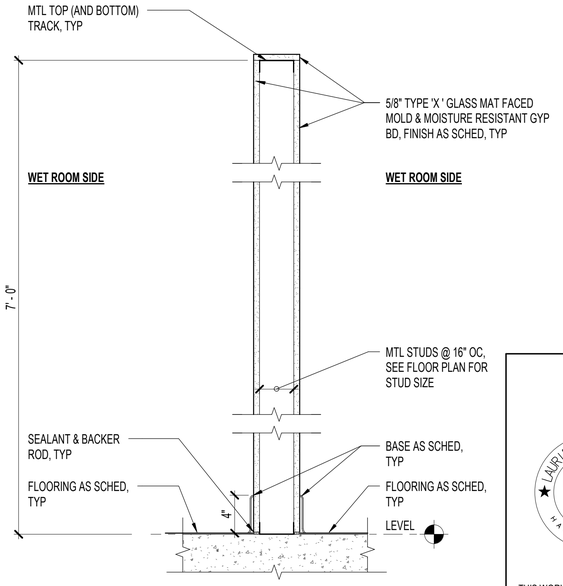


6 FRAMED WALL TYPE "F2" AND "F3"

IS0000.0F2
IS0000.1F3

1 1/2" = 1'-0"

UL DESIGN NO. U419



9 FRAMED WALL TYPE "F4"

F0000.0F4

1 1/2" = 1'-0"

GENERAL NOTE:
WET ROOMS INCLUDED RESTROOMS, SHOWER ROOMS, LOCKER ROOMS, JANITOR CLOSET & BREAK ROOM.

0 6" 1' 18"

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

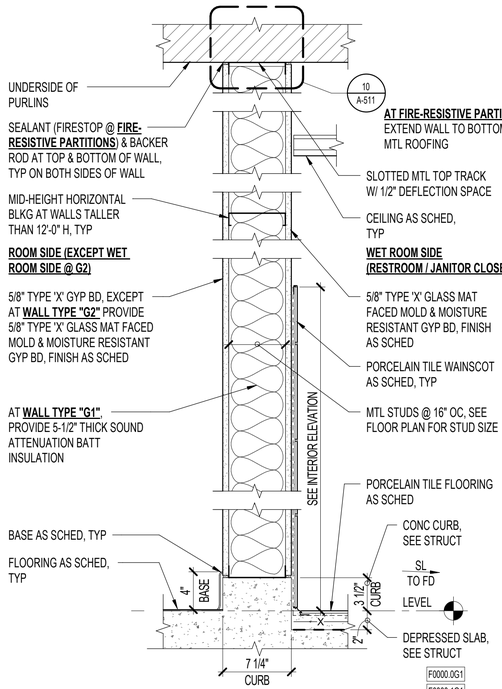
SHEET TITLE
DETAILS - INTERIOR PARTITION WALL TYPES

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

SHEET
A-511
130 OF 273 SHTS.

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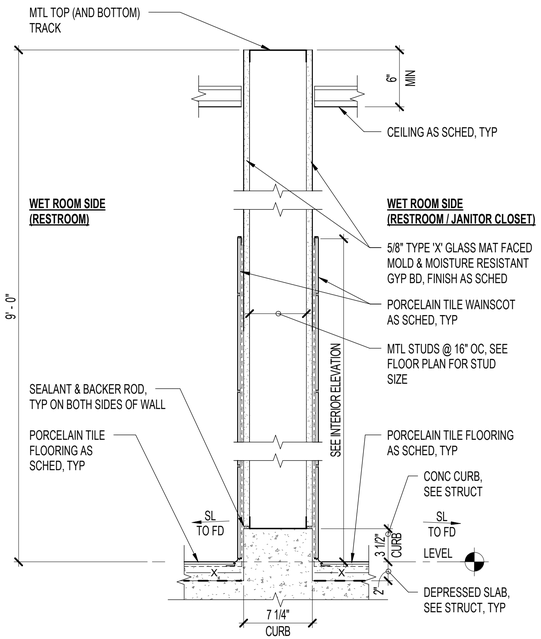


F0000.0G1
F0000.1G1
F0000.0G2

2 FRAMED WALL TYPE "G1" AND "G2"

1 1/2" = 1'-0"

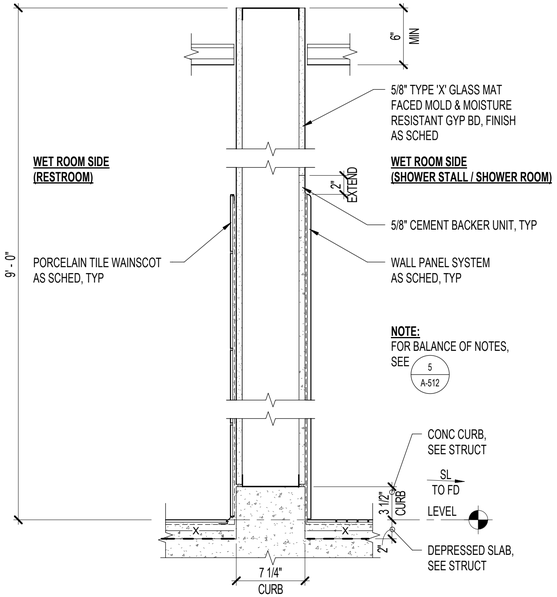
UL DESIGN NO. U419



F0000.0H1

5 FRAMED WALL TYPE "H1"

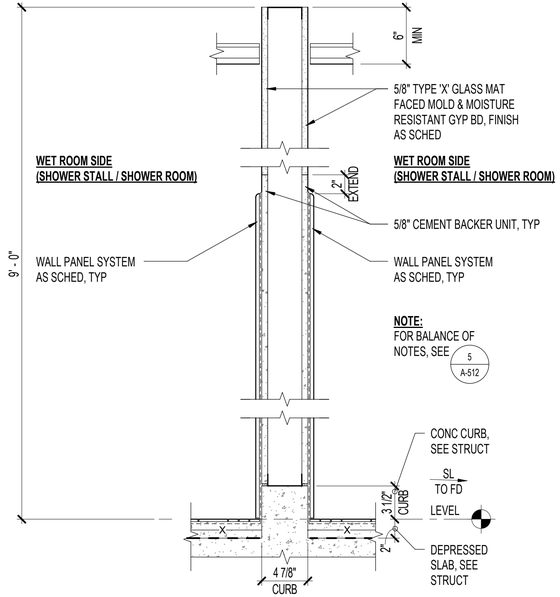
1 1/2" = 1'-0"



F0000.0H2

8 FRAMED WALL TYPE "H2"

1 1/2" = 1'-0"



F0000.0H3

11 FRAMED WALL TYPE "H3"

1 1/2" = 1'-0"

GENERAL NOTE:
WET ROOMS INCLUDED RESTROOMS, SHOWER ROOMS, LOCKER ROOMS, JANITOR CLOSET & BREAK ROOM.

0 6" 1' 18"

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

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EXP 4-30-28

RMA ARCHITECTS INC

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

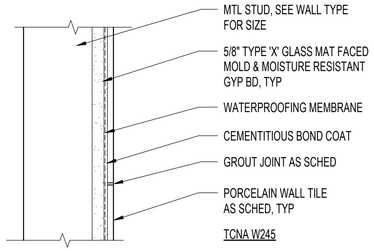
SHEET TITLE
DETAILS - INTERIOR PARTITION WALL TYPES

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

SHEET
A-512
131 OF 273 SHTS.

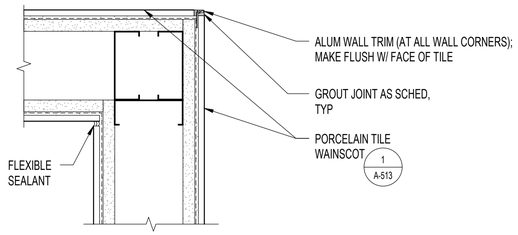
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SECTION -
PORCELAIN TILE WAINSCOT

1

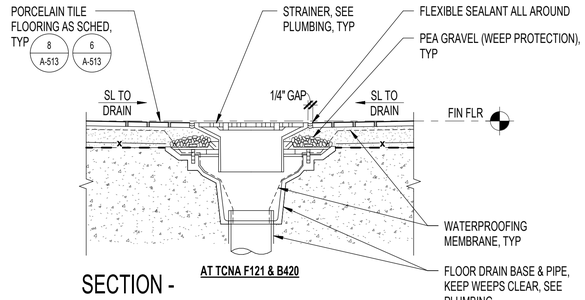
3" = 1'-0"



PLAN -
PORCELAIN TILE OUTSIDE CORNER

4

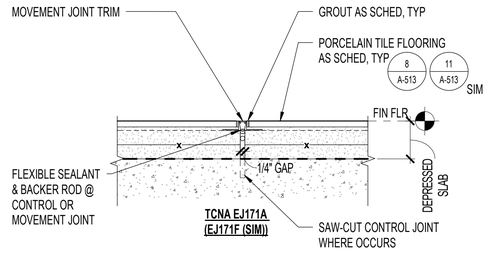
3" = 1'-0"



SECTION -
FLOOR DRAIN

7

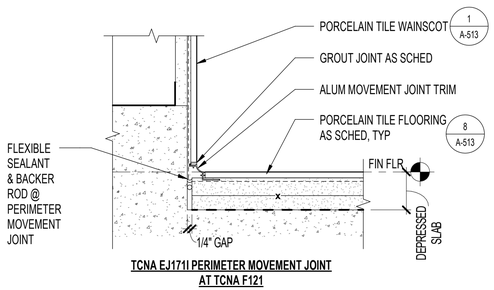
3" = 1'-0"



SECTION -
TILE CONTROL JOINT (MOVEMENT JOINT SIM)

10

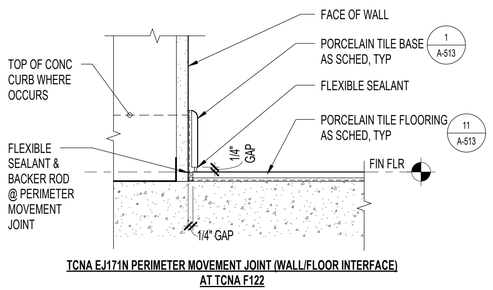
3" = 1'-0"



SECTION -
TILE MOVEMENT JOINTS @ RESTROOM/SHOWER RM

2

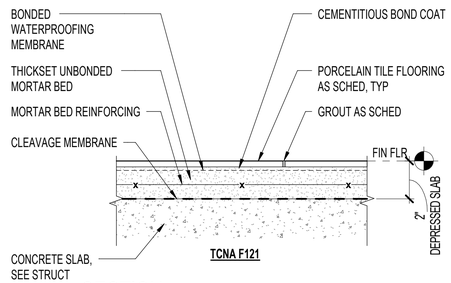
3" = 1'-0"



SECTION -
TILE MOVEMENT JOINTS @ LOCKER RM

5

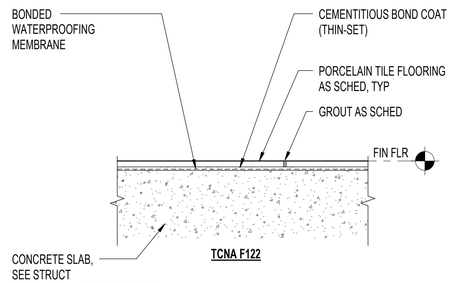
3" = 1'-0"



SECTION -
PORCELAIN TILE FLOORING @ RESTROOM/SHOWER RM

8

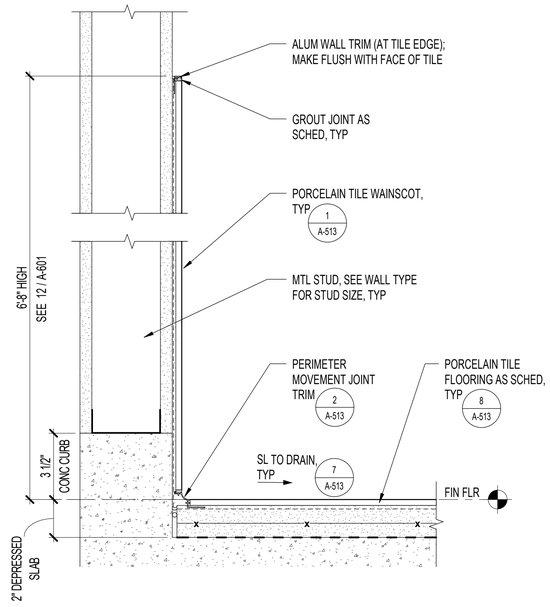
3" = 1'-0"



SECTION -
PORCELAIN TILE FLOORING @ LOCKER RM

11

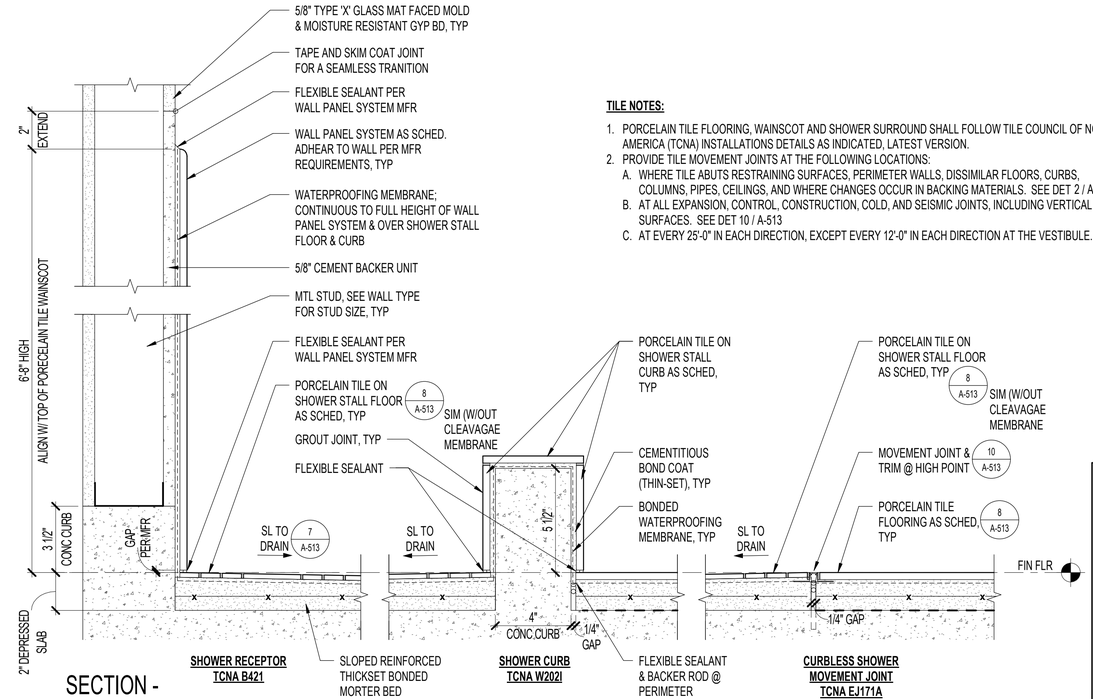
3" = 1'-0"



SECTION -
PORCELAIN TILE WALL

3

3" = 1'-0"



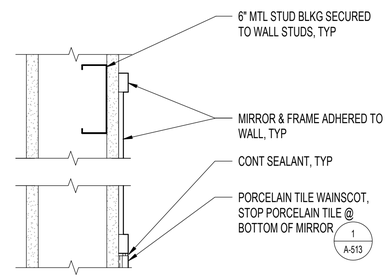
SECTION -
PORCELAIN TILE @ SHOWER STALL

6

3" = 1'-0"

TILE NOTES:

1. PORCELAIN TILE FLOORING, WAINSCOT AND SHOWER SURROUND SHALL FOLLOW TILE COUNCIL OF NORTH AMERICA (TCNA) INSTALLATIONS DETAILS AS INDICATED, LATEST VERSION.
2. PROVIDE TILE MOVEMENT JOINTS AT THE FOLLOWING LOCATIONS:
   A. WHERE TILE ABUTS RESTRAINING SURFACES, PERIMETER WALLS, DISSIMILAR FLOORS, CURBS, COLUMNS, PIPES, CEILINGS, AND WHERE CHANGES OCCUR IN BACKING MATERIALS. SEE DET 2 / A-513
   B. AT ALL EXPANSION, CONTROL, CONSTRUCTION, COLD, AND SEISMIC JOINTS, INCLUDING VERTICAL SURFACES. SEE DET 10 / A-513
   C. AT EVERY 25'-0" IN EACH DIRECTION, EXCEPT EVERY 12'-0" IN EACH DIRECTION AT THE VESTIBULE.



SECTION -
MIRROR

12

3" = 1'-0"

0 3" 6" 9"

SCALE: 3" = 1'-0"

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

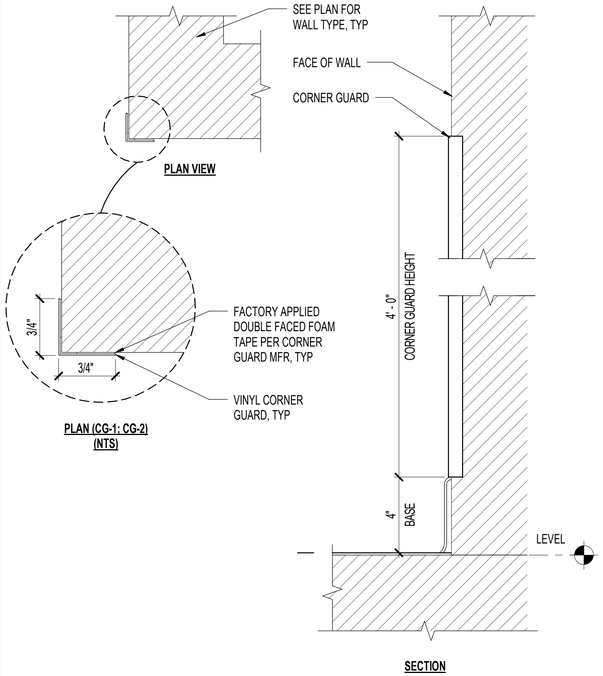
SHEET TITLE
DETAILS - TILE FLOORING & WALL

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

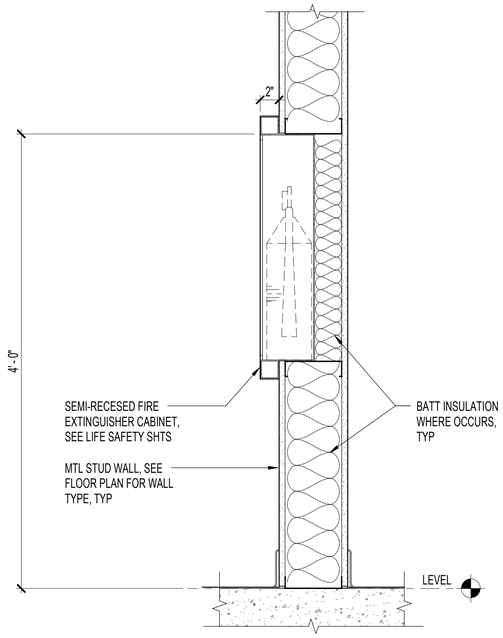
SHEET
A-513
132 OF 273 SHTS

FINAL SUBMITTAL - MAY 2026



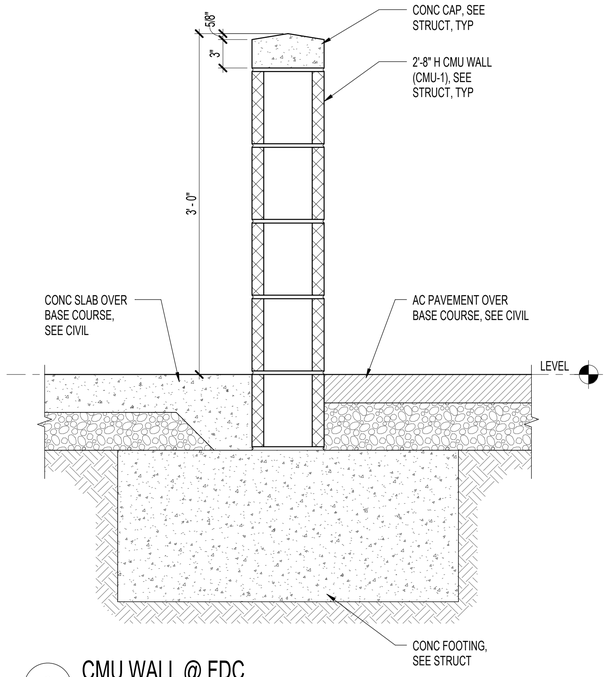
2 CORNER GUARD

3" = 1'-0"



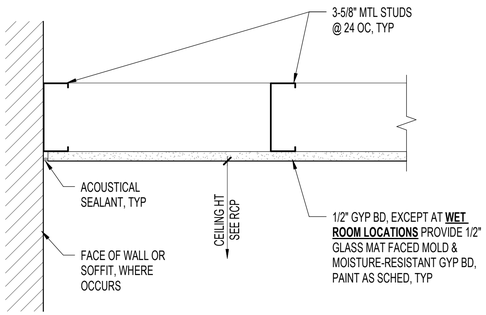
5 SEMI-RECESSED FEC - MTL STUD WALL

1 1/2" = 1'-0"



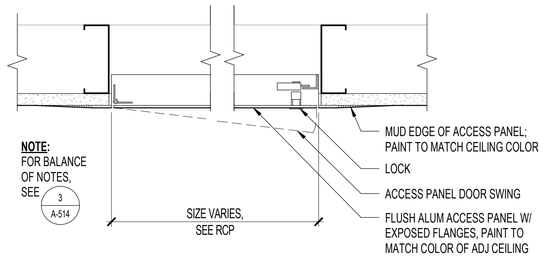
8 CMU WALL @ FDC

1 1/2" = 1'-0"



3 FRAMED GYP BD CEILING

3" = 1'-0"



6 ACCESS PANEL @ GYP BD CLG

3" = 1'-0"

0 6" 1' 18"

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

0 3" 6" 9"

SCALE: 3" = 1'-0"

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

DETAILS - CEILINGS & MISCELLANEOUS

LAURIE A. CHIKAZAWA LICENSED PROFESSIONAL ARCHITECT No. 17476 HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

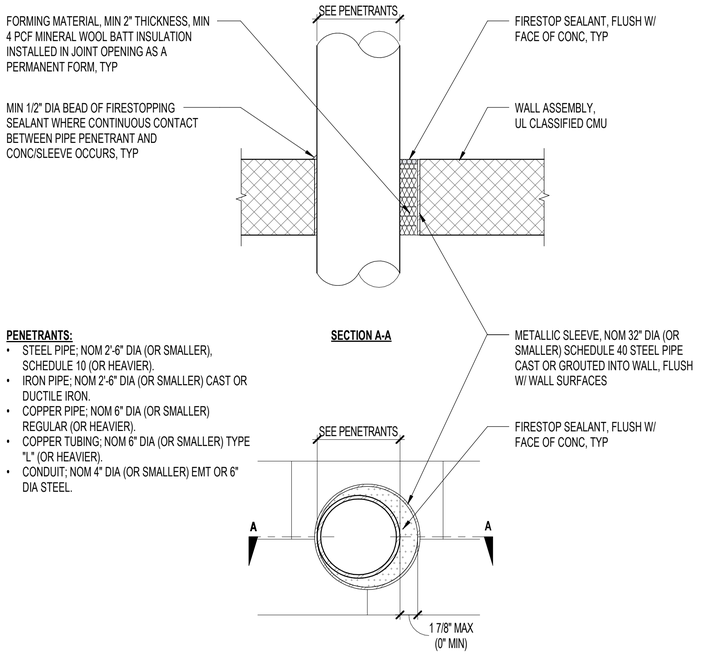
DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER P10882

SHEET A-514

133 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026

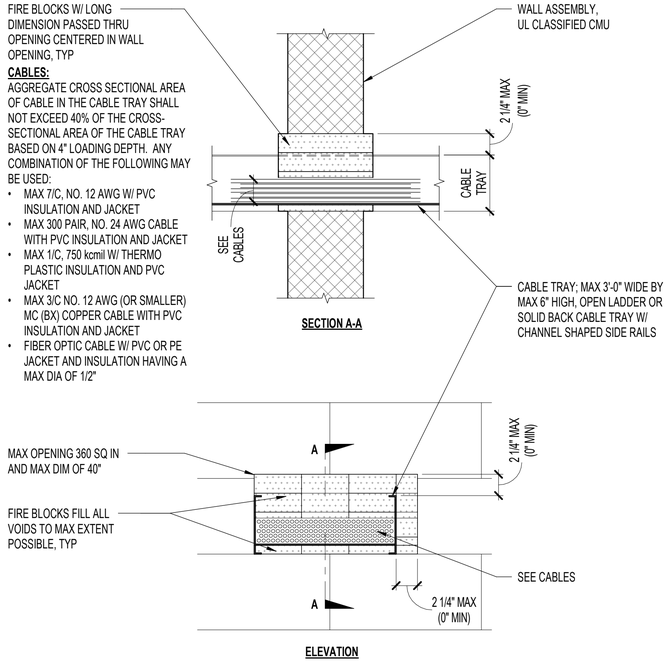


PENETRANTS:

- STEEL PIPE; NOM 2'-6" DIA (OR SMALLER), SCHEDULE 10 (OR HEAVIER).
- IRON PIPE; NOM 2'-6" DIA (OR SMALLER) CAST OR DUCTILE IRON.
- COPPER PIPE; NOM 6" DIA (OR SMALLER) REGULAR (OR HEAVIER).
- COPPER TUBING; NOM 6" DIA (OR SMALLER) TYPE "L" (OR HEAVIER).
- CONDUIT; NOM 4" DIA (OR SMALLER) EMT OR 6" DIA STEEL.

MTL PIPE / MASONRY WALL

UL DESIGN NO. C-AJ-1380, OR EQUAL; ASSEMBLY RATING - 2 HOUR



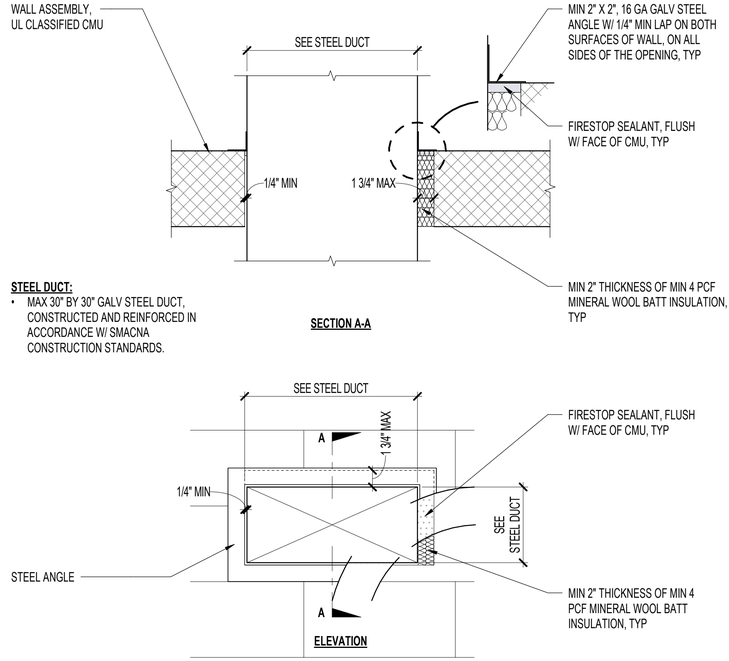
CABLES:

AGGREGATE CROSS SECTIONAL AREA OF CABLE IN THE CABLE TRAY SHALL NOT EXCEED 40% OF THE CROSS-SECTIONAL AREA OF THE CABLE TRAY BASED ON 4" LOADING DEPTH. ANY COMBINATION OF THE FOLLOWING MAY BE USED:

- MAX 7/C, NO. 12 AWG W/ PVC INSULATION AND JACKET
- MAX 300 PAIR, NO. 24 AWG CABLE WITH PVC INSULATION AND JACKET
- MAX 1/C, 750 kcmil W/ THERMO PLASTIC INSULATION AND PVC JACKET
- MAX 3/C NO. 12 AWG (OR SMALLER) MC (BX) COPPER CABLE WITH PVC INSULATION AND JACKET
- FIBER OPTIC CABLE W/ PVC OR PE JACKET AND INSULATION HAVING A MAX DIA OF 1/2"

MTL CABLE TRAY / CMU WALL

UL DESIGN NO. C-AJ-4094, OR EQUAL; ASSEMBLY RATING - 2 HOUR



STEEL DUCT:

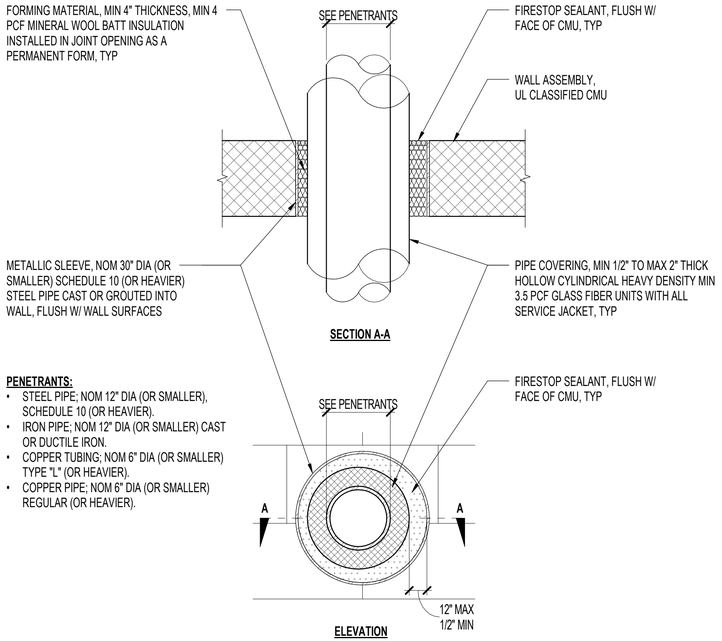
- MAX 30" BY 30" GALV STEEL DUCT, CONSTRUCTED AND REINFORCED IN ACCORDANCE W/ SMACNA CONSTRUCTION STANDARDS.

SHT MTL DUCT / CMU WALL

UL DESIGN NO. C-AJ-7111, OR EQUAL; ASSEMBLY RATING - 2 HOUR

THROUGH PENETRATION FIRESTOP SYSTEMS - CMU WALL ASSEMBLY NOTES:

1. SEE ALSO, THE UL DESIGNS INDICATED FOR EACH PENETRANT CONDITION FOR ADDITIONAL NOTES AND REQUIREMENTS.
2. THE UL DESIGNS INDICATED DOES NOT EXCLUDE OTHER UL DESIGNS FOR SIMILAR THROUGH PENETRATION FIRESTOP SYSTEMS BY OTHER MANUFACTURERS FROM BEING PROVIDED.

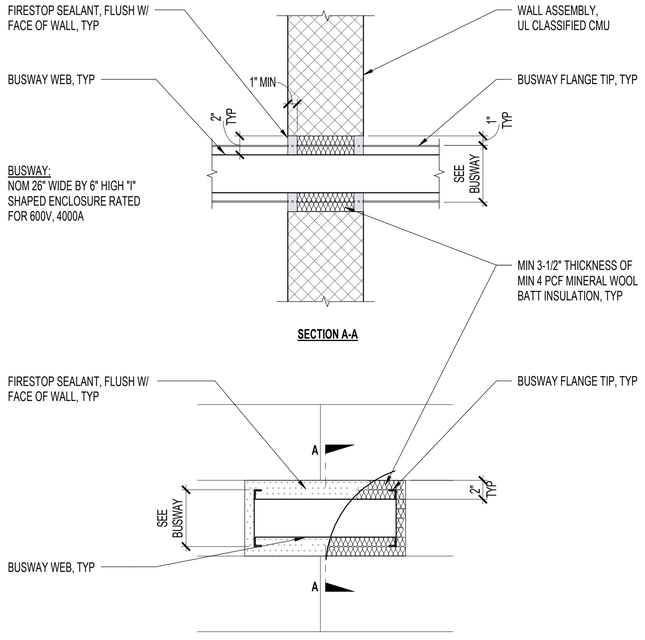


PENETRANTS:

- STEEL PIPE; NOM 12" DIA (OR SMALLER), SCHEDULE 10 (OR HEAVIER).
- IRON PIPE; NOM 12" DIA (OR SMALLER) CAST OR DUCTILE IRON.
- COPPER TUBING; NOM 6" DIA (OR SMALLER) TYPE "L" (OR HEAVIER).
- COPPER PIPE; NOM 6" DIA (OR SMALLER) REGULAR (OR HEAVIER).

MTL PIPE W/ GLASS FIBER INSULATION / CMU WALL

UL DESIGN NO. C-AJ-5091, OR EQUAL; ASSEMBLY RATING - 2 HOUR



MTL ELECTRICAL BUSWAY / CMU WALL

UL DESIGN NO. C-AJ-6017, OR EQUAL; ASSEMBLY RATING - 3 HOUR

0 6" 1' 18"

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

3 THRU PENETRATION FIRESTOPPING - CONC ASSEMBLIES

1 1/2" = 1'-0"

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

DETAILS - FIRE STOPPING - CMU ASSEMBLIES

LAURIE A. CHIKAZAWA LICENSED PROFESSIONAL ARCHITECT No. 17476 HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-28

RMA ARCHITECTS INC

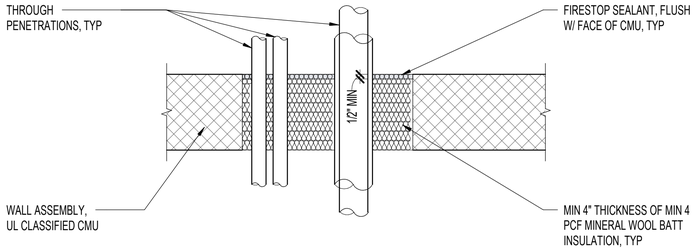
DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER P10882

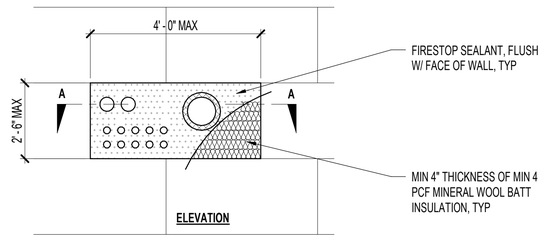
SHEET A-521

134 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



SECTION A-A



ELEVATION

MULTIPLE PENETRATIONS THROUGH CMU WALL

UL DESIGN NO. C-AJ-8143, OR EQUAL; ASSEMBLY RATING - 2 HOUR

THROUGH PENETRATION FIRESTOP SYSTEMS - CMU WALL ASSEMBLY NOTES:

1. SEE ALSO, THE UL DESIGNS INDICATED FOR EACH PENETRANT CONDITION FOR ADDITIONAL NOTES AND REQUIREMENTS.
2. THE UL DESIGNS INDICATED DOES NOT EXCLUDE OTHER UL DESIGNS FOR SIMILAR THROUGH PENETRATION FIRESTOP SYSTEMS BY OTHER MANUFACTURERS FROM BEING PROVIDED.

0 6" 1' 18"

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

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

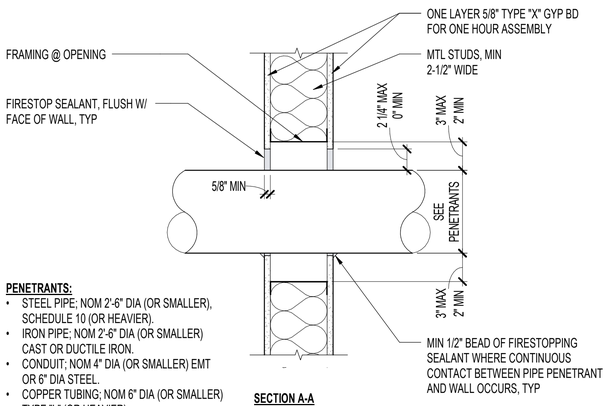
SHEET TITLE
DETAILS - FIRE STOPPING - CMU ASSEMBLIES

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

SHEET
A-522
135 OF 273 SHTS.

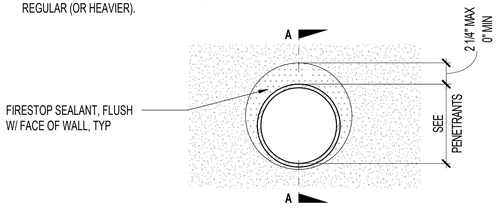
FINAL SUBMITTAL - MAY 2026



PENETRANTS:

- STEEL PIPE; NOM 2'-6" DIA (OR SMALLER), SCHEDULE 10 (OR HEAVIER).
- IRON PIPE; NOM 2'-6" DIA (OR SMALLER) CAST OR DUCTILE IRON.
- CONDUIT; NOM 4" DIA (OR SMALLER) EMT OR 6" DIA STEEL.
- COPPER TUBING; NOM 6" DIA (OR SMALLER) TYPE "L" (OR HEAVIER).
- COPPER PIPE; NOM 6" DIA (OR SMALLER) REGULAR (OR HEAVIER).

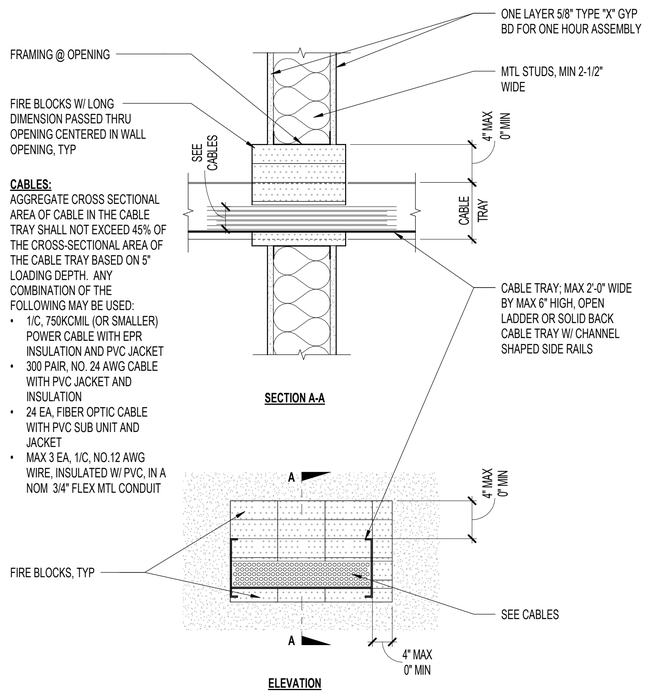
SECTION A-A



ELEVATION

MTL PIPE / GYP BD WALL

UL DESIGN NO. W-L-1054, OR EQUAL; ASSEMBLY RATING - 1 HOUR



CABLES:
AGGREGATE CROSS SECTIONAL AREA OF CABLE IN THE CABLE TRAY SHALL NOT EXCEED 45% OF THE CROSS-SECTIONAL AREA OF THE CABLE TRAY BASED ON 5" LOADING DEPTH. ANY COMBINATION OF THE FOLLOWING MAY BE USED:

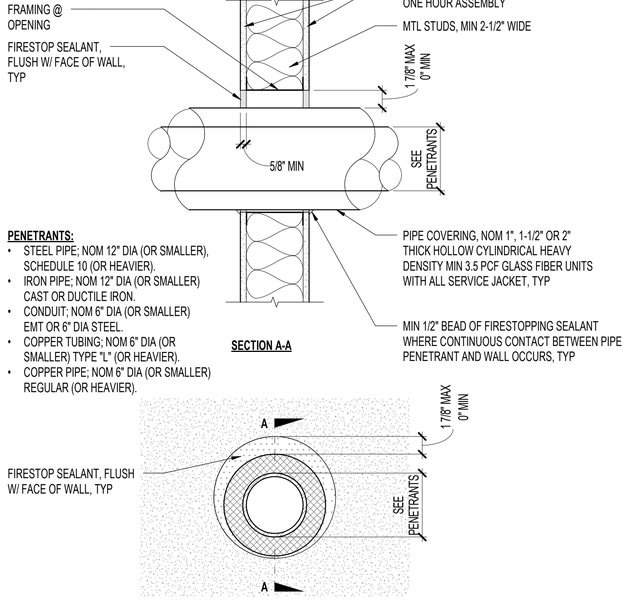
- 1/C, 750KCMIL (OR SMALLER) POWER CABLE WITH EPR INSULATION AND PVC JACKET
- 300 PAIR, NO. 24 AWG CABLE WITH PVC JACKET AND INSULATION
- 24 EA, FIBER OPTIC CABLE WITH PVC SUB UNIT AND JACKET
- MAX 3 EA, 1/C, NO.12 AWG WIRE, INSULATED W/ PVC, IN A NOM 3/4" FLEX MTL CONDUIT

SECTION A-A

ELEVATION

MTL CABLE TRAY / GYP BD WALL

UL DESIGN NO. W-L-4011, OR EQUAL; ASSEMBLY RATING - 1 HOUR



PENETRANTS:

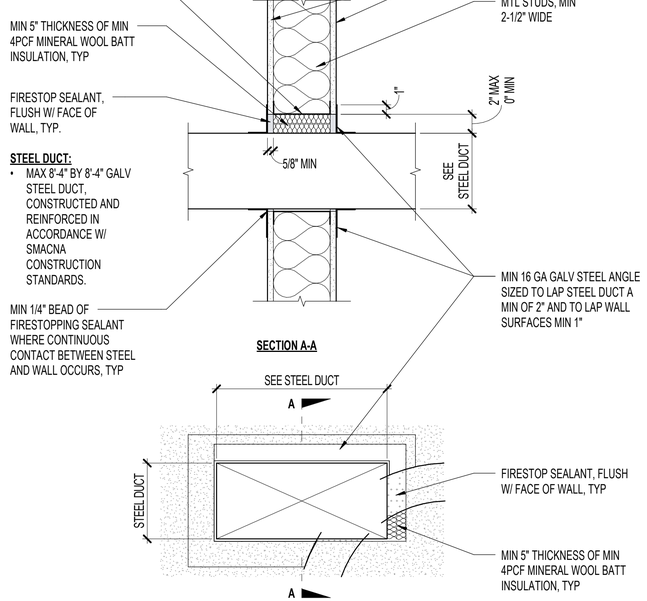
- STEEL PIPE; NOM 12" DIA (OR SMALLER), SCHEDULE 10 (OR HEAVIER).
- IRON PIPE; NOM 12" DIA (OR SMALLER) CAST OR DUCTILE IRON.
- CONDUIT; NOM 6" DIA (OR SMALLER) EMT OR 6" DIA STEEL.
- COPPER TUBING; NOM 6" DIA (OR SMALLER) TYPE "L" (OR HEAVIER).
- COPPER PIPE; NOM 6" DIA (OR SMALLER) REGULAR (OR HEAVIER).

SECTION A-A

ELEVATION

MTL PIPE W/ GLASS FIBER INSULATION / GYP BD WALL

UL DESIGN NO. W-L-5029, OR EQUAL; ASSEMBLY RATING - 1 HOUR



STEEL DUCT:

- MAX 8'-4" BY 8'-4" GALV STEEL DUCT, CONSTRUCTED AND REINFORCED IN ACCORDANCE W/ SMACNA CONSTRUCTION STANDARDS.

SECTION A-A

ELEVATION

SHT MTL DUCT / GYP BD WALL

UL DESIGN NO. W-L-7155, OR EQUAL; ASSEMBLY RATING - 1 HOUR

3 THRU PENETRATION FIRESTOPPING - GYPSUM BOARD ASSEMBLIES

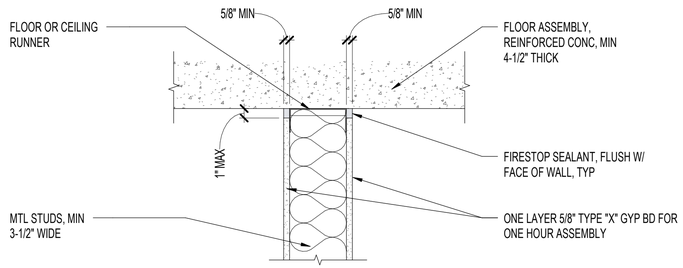
1 1/2" = 1'-0"

THROUGH PENETRATIONS FIRESTOP SYSTEM - GYP BD ASSEMBLY NOTES:

1. SEE ALSO, THE UL DESIGNS INDICATED FOR EACH PENETRANT CONDITION FOR ADDITIONAL NOTES AND REQUIREMENTS.
2. ONE HOUR FIRE RATED WALL ASSEMBLIES SHALL THE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U400 SERIES WALL AND PARTITION UL DESIGNS.
3. THE UL DESIGNS INDICATED DOES NOT EXCLUDE OTHER UL DESIGNS FOR SIMILAR THROUGH PENETRATION FIRESTOP SYSTEMS BY OTHER MANUFACTURERS FROM BEING PROVIDED.
4. WHERE THERE ARE ACCESSIBLE CONCEALED SPACES ADJACENT TO A RATED WALL, PROVIDE PERMANENT FIRE AND SMOKE RATED WALL IDENTIFICATION PER NFPA WITHIN THE CONCEALED SPACE.

FIRE RESISTIVE JOINT SYSTEM NOTES:

1. SEE ALSO, THE UL DESIGNS INDICATED FOR EACH FIRE RESISTIVE JOINT SYSTEM CONDITION FOR ADDITIONAL NOTES AND REQUIREMENTS.
2. ONE OR TWO HOUR FIRE RATED WALL ASSEMBLIES SHALL THE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U400 SERIES WALL AND PARTITION UL DESIGNS.
3. THE UL DESIGNS INDICATED DOES NOT EXCLUDE OTHER UL DESIGNS FOR SIMILAR FIRE RESISTIVE JOINT SYSTEMS BY OTHER MANUFACTURERS FROM BEING PROVIDED.
4. WHERE THERE ARE ACCESSIBLE CONCEALED SPACES ADJACENT TO A RATED WALL, PROVIDE PERMANENT FIRE AND SMOKE RATED WALL IDENTIFICATION PER NFPA WITHIN THE CONCEALED SPACE.



ONE OR TWO HOUR FIRE RATED WALL ASSEMBLY SHALL THE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U400 SERIES WALL AND PARTITION UL DESIGNS.

GYPSUM BOARD / FLAT CONCRETE DECK

UL DESIGN NO. HW-D-0209, OR EQUAL; ASSEMBLY RATING ONE OR TWO HOURS, EQUAL TO THE RATING OF THE WALL ASSEMBLY

8 FIRE RESISTIVE JOINT SYSTEMS

1 1/2" = 1'-0"

0 6" 1' 18"

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HARBORS

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

DETAILS - FIRE STOPPING - GYP BD ASSEMBLIES

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

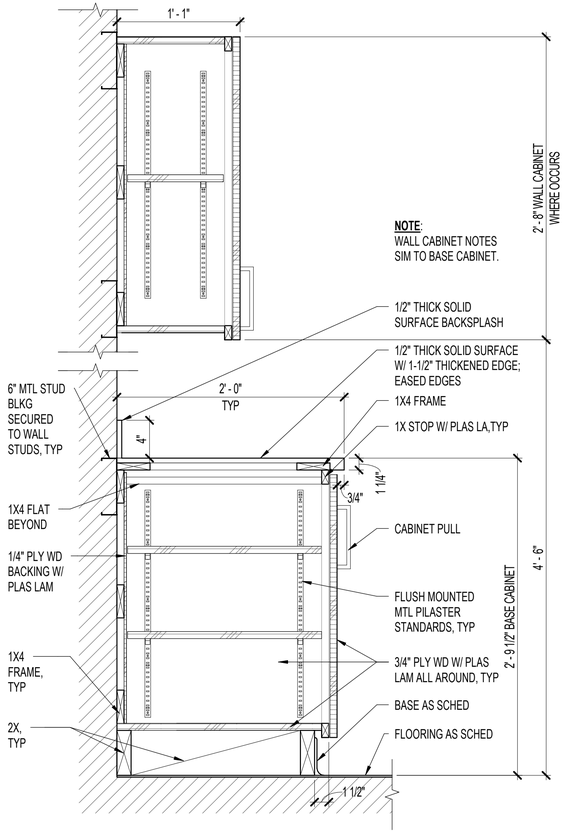
DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER P10882

SHEET A-523

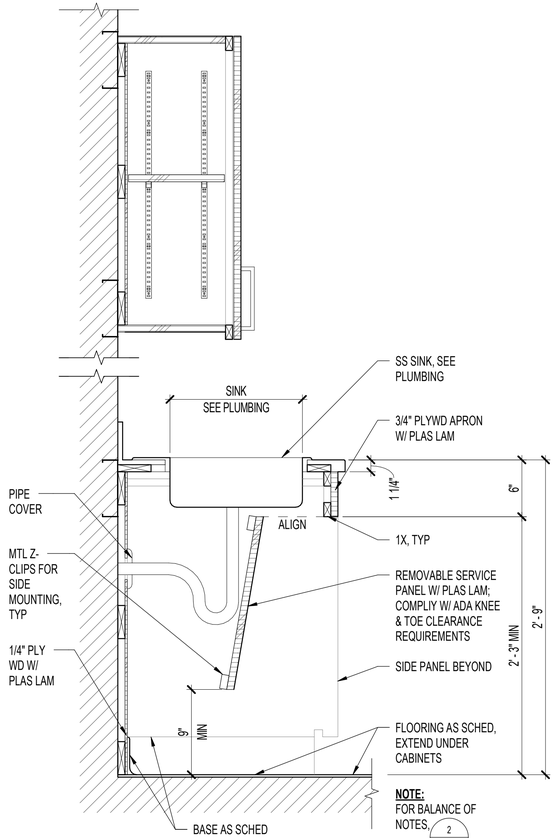
136 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026



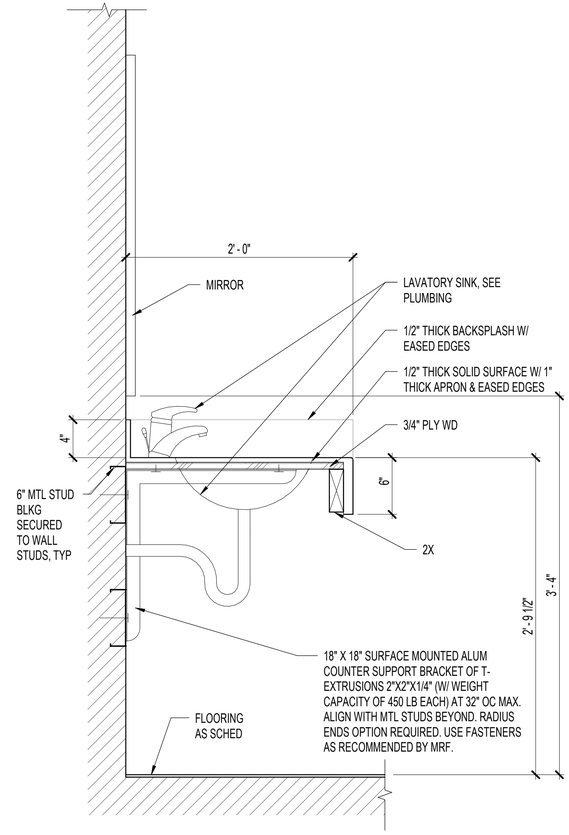
2 ADA WALL/BASE CABINET

1 1/2" = 1'-0"



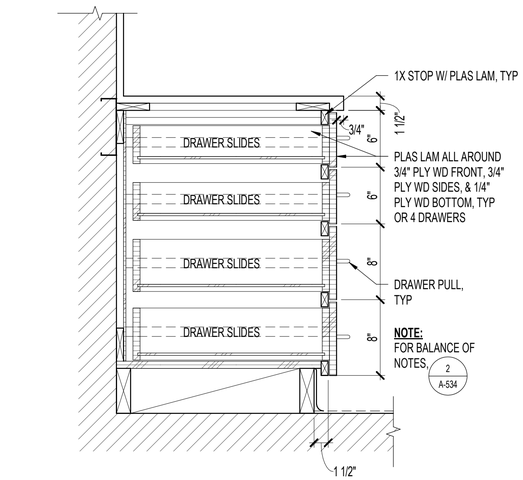
5 ADA BASE CABINET @ SINK

1 1/2" = 1'-0"



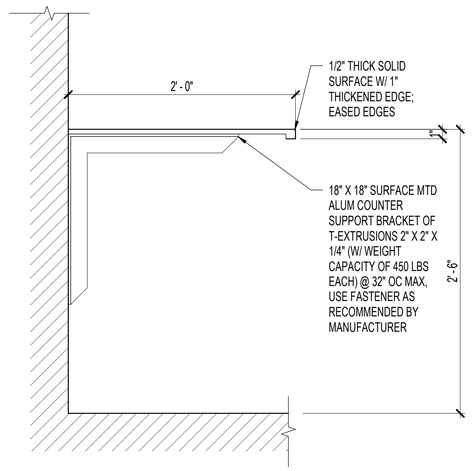
8 ADA LAVATORY COUNTERTOP

1 1/2" = 1'-0"



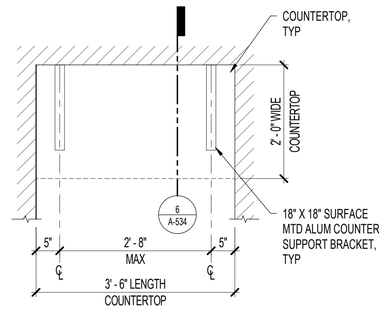
3 ADA BASE CABINET W/ DRAWERS

1 1/2" = 1'-0"



6 SECTION - COUNTER SUPPORT BRACKET

1 1/2" = 1'-0"



9 PLAN - COUNTER SUPPORT BRACKET

3/4" = 1'-0"

0 1' 2' 3'

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

0 6" 1' 18"

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

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HARBORS

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

JOB TITLE

HONOLULU HARBOR, NEW OAHU DISTRICT BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE

DETAILS - MILLWORK

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER

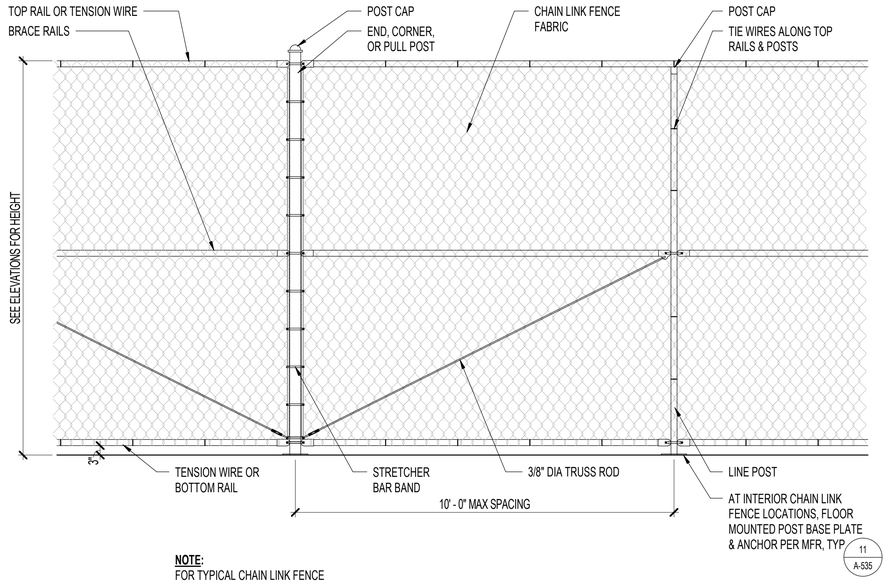
P10882

SHEET

A-534

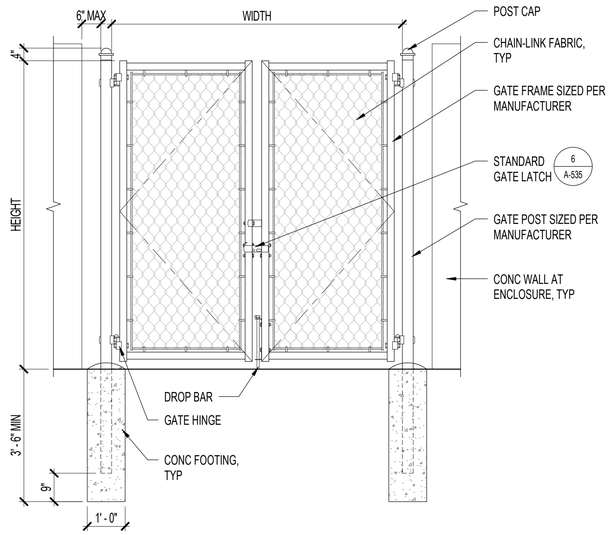
137 OF 273 SHTS

FINAL SUBMITTAL - MAY 2026



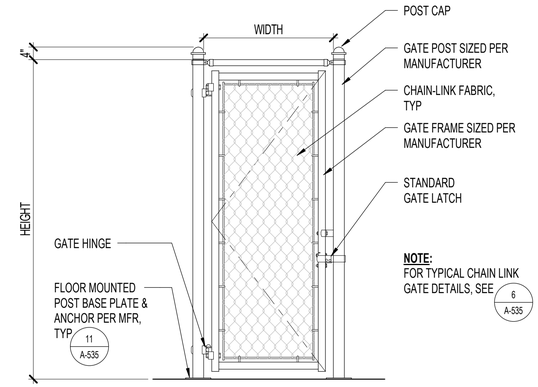
NOTE:
FOR TYPICAL CHAIN LINK FENCE DETAILS, SEE 3 / A-535

2 TYPICAL CHAIN LINK FENCE ELEVATION
1/2" = 1'-0"



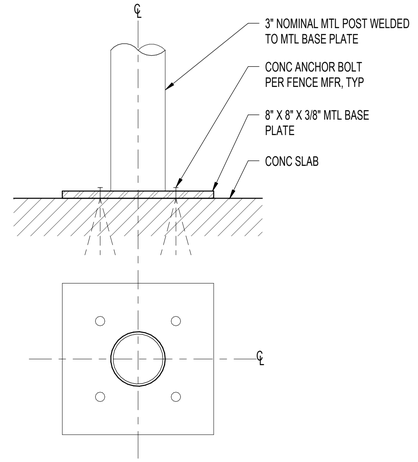
NOTE:
FOR TYPICAL CHAIN LINK GATE DETAILS, SEE 6 / A-535

8 ELEVATION - EXTERIOR ENCLOSURE CHAIN LINK GATE
1/2" = 1'-0"

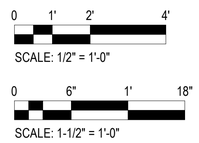


NOTE:
FOR TYPICAL CHAIN LINK GATE DETAILS, SEE 6 / A-535

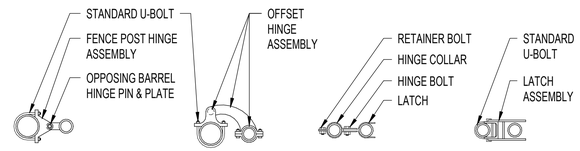
10 ELEVATION - ENCLOSURE CHAIN LINK GATE
1/2" = 1'-0"



11 CHAIN LINK FENCE - POST BASE PLATE
3" = 1'-0"

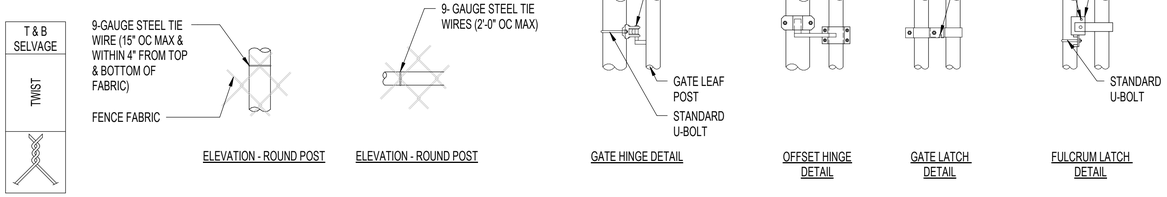


PLAN VIEWS



(*) NOTE: WELD HINGES TO POST IF INSTALLING CABLE REINFORCEMENT ON GATES. ENSURE CORRECT HEIGHT FOR FULL OPERATION PRIOR TO WELDING (TYP)

ELEVATIONS



3 CHAIN LINK FENCE (TYPICAL DETAILS)
1 1/2" = 1'-0"

6 CHAIN LINK GATE (TYPICAL DETAILS)
1 1/2" = 1'-0"

CHAIN LINK FENCING NOTES:

1. FABRIC: THE STANDARD FENCE FABRIC SHALL BE VINYL, HOT DIPPED GALVANIZED STEEL WIRE CHAIN LINK WITH MESH OPENINGS NOT LARGER THAN TWO INCHES PER SIDE AND A TWISTED AND BARBED SELVAGE AT TOP AND BOTTOM IN ACCORDANCE WITH THE SPECIFICATIONS. UTILIZE 6-GAUGE FOR BASE PERIMETER OR HEIGHTENED SECURITY ZONES AND 9-GAUGE FOR BASE INTERIOR OR WHEN JOINING AN EXISTING FENCE WHICH IS ALREADY 9-GAUGE.
2. FABRIC TIES: ONLY 12-GAUGE STEEL TIES SHALL BE USED. COATING OR PLATING WILL BE ELECTROLYTICALLY COMPATIBLE WITH THE FENCE FABRIC TO INHIBIT CORROSION.
3. REINFORCEMENT: TENSION WIRES SHALL BE INSTALLED AND INTERWOVEN (OR AFFIXED WITH FABRIC TIES) ALONG THE TOP & BOTTOM OF THE FENCE FOR STABILIZATION OF THE FENCE FABRIC.
4. FENCE HEIGHT: CHAIN LINK FABRIC SEE ELEVATION FOR HEIGHT.
5. GROUND CLEARANCE: BOTTOM OF THE FENCE FABRIC SHALL BE WITHIN THREE INCHES OF FINISHED FLOOR.
6. FENCE POSTS: SHALL BE ASTM F1043 OR F1083 ROUND PIPE OR SQUARE TUBE AND SHALL BE GALVANIZED IN ACCORDANCE WITH THE SPECIFICATIONS. FENCE POST SPACING AND SIZE (DIAMETER) SHALL BE DETERMINED IN ACCORDANCE WITH CHAIN LINK FENCE MANUFACTURERS' INSTITUTE (WLG 2445). SPACING SHALL NOT EXCEED 10'-0" OC. SIZE (DIAMETER) SHALL NOT BE LESS THAN THAT SPECIFIED.
7. DETAILS: FOR TYPICAL CHAIN-LINK DETAILS SEE 2 / A-535

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

0 6" 1' 18"
SCALE: 1-1/2" = 1'-0"

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
DETAILS - CHAIN LINK FENCE

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

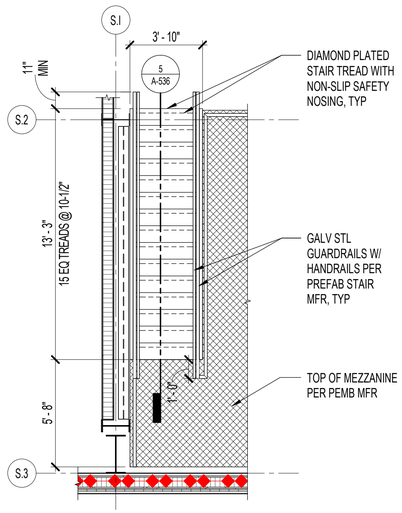
RMA ARCHITECTS INC

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

SHEET
A-535
138 OF 273 SHTS

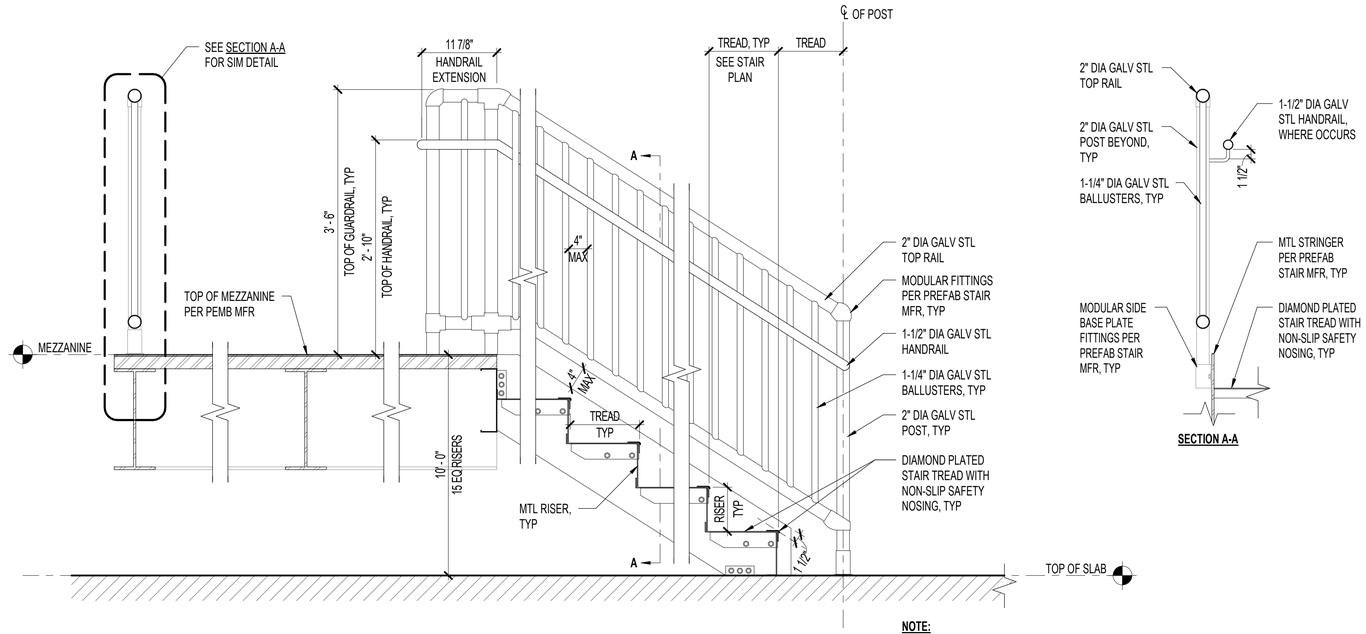
FINAL SUBMITTAL - MAY 2026



ENLARGED FLOOR PLAN - TYP MEZZANINE STAIRCASE

2

1/4" = 1'-0"



MTL STAIR W/ GUARDRAIL AND HANDRAIL

5

1" = 1'-0"

SECTION A-A

NOTE:
STAIR TREADS AND RISERS SHALL BE OF UNIFORM SIZE AND SHAPE. PER IBC 2024 1011.5.4, THE TOLERANCE BETWEEN THE LARGEST AND SMALLEST TREAD DEPTH SHALL NOT EXCEED 3/8" IN ANY FLIGHT OF STAIRS.

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

0 6" 1' 2'
SCALE: 1" = 1'-0"

LAURIE A. CHIKAZAWA
LICENSED PROFESSIONAL ARCHITECT
No. 17476
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
EXP 4-30-28

RMA ARCHITECTS INC

REVISION	DATE	DESCRIPTION	BY	APPROVED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
DETAILS - STAIRS & RAILING

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

SHEET
A-536
139 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026

EXTERIOR COLOR & MATERIAL SELECTION

METAL SIDING (MTL-#)

MTL-1 MANUFACTURER: PAC-CLAD PETERSEN
PRODUCT: PRECISION SERIES WALL PANEL
PROFILE: HIGHLINE S1
COLOR: PACIFIC BLUE (FKA. SLAT BLUE) 614370
ORIENTATION: HORIZONTAL

MTL-2 MANUFACTURER: PAC-CLAD PETERSEN
PRODUCT: PRECISION SERIES WALL PANEL
PROFILE: BOX RIB 1
COLOR: MUSKET GRAY 614369
ORIENTATION: HORIZONTAL

MTL-3 MANUFACTURER: PAC-CLAD PETERSEN
PRODUCT: PRECISION SERIES WALL PANEL
PROFILE: HIGHLINE B1
COLOR: GRANITE 614358
ORIENTATION: HORIZONTAL

MTL-4 MANUFACTURER: AL13 ARCHITECTURAL SYSTEMS
PRODUCT: PANEL SYSTEM (W/ FLAT CAPS)
PANEL THICKNESS: 4MM PE CORE ACM
COLOR: ACORN GREY SD303

PAINT - EXTERIOR (PE-#)

PE-1 STRUCTURAL STEEL FRAMING
MANUFACTURER: SHERWIN WILLIAMS
COLOR: ACCOLADE SW9516
SHEEN: SEMI-GLOSS

PE-2 NOT USED

PE-3 NOT USED

PE-4 NOT USED

PE-5 NOT USED

PE-6 EXTERIOR DOORS & FRAMES, GUTTERS, DOWNSPOUTS, EAVE FLASHING, STRUCTURAL STEEL FRAMING (EXTERIOR AT ADMIN & MAINT. SHOP)
MANUFACTURER: SHERWIN WILLIAMS
COLOR: GOING GREY SW9554
SHEEN: SEMI-GLOSS

HIGH-PERFORMANCE COATING (HPC-#)
AT ALL STRUCTURAL STEEL FRAMING, MEZZANINES AND STAIRS EXPOSED TO THE EXTERIOR OR LOCATED IN UNCONDITIONED SPACES.

HPC-1 MANUFACTURER: PPG
PRODUCT: AMERLOCK 400 VOC
COLOR: MATCH PE-1
SHEEN: SEMI-GLOSS

HPC-2 MANUFACTURER: PPG
PRODUCT: AMERLOCK 400 VOC
COLOR: MATCH P-2
SHEEN: SEMI-GLOSS

HPC-3 MANUFACTURER: PPG
PRODUCT: AMERLOCK 400 VOC
COLOR: MATCH PE-6
SHEEN: SEMI-GLOSS

CONCRETE MASONRY UNIT (CMU-#)

CMU-1 MANUFACTURER: TILECO INC.
PRODUCT: STANDARD BLOCK
COLOR: LIMESTONE
ADMIXTURE: MASTERPEL 240 WATER REPELLENT
WATER & GRAFFITI REPELLENT:
SURE KLEAN BLOK-GUARD & GRAFFITI CONTROL VOC 15

CMU-2 NOT USING

CMU-3 MANUFACTURER: TILECO INC.
PRODUCT: GROUND FACE BLOCK
COLOR: MIDNITE
ADMIXTURE: MASTERPEL 240 WATER REPELLENT
WATER & GRAFFITI REPELLENT:
SURE KLEAN BLOK-GUARD & GRAFFITI CONTROL VOC 15

STANDING SEAM MTL ROOFING (RF-#)

RF-1 STANDING SEAM MTL ROOFING
MANUFACTURER: MBCI
PRODUCT: DOUBLE-LOK
COVERAGE WIDTH: 18"
FINISH: SMOOTH
COATING: SIGNATURE 300
COLOR: BONE WHITE

RF-2 EXPOSED FASTENING MTL ROOFING
MANUFACTURER: MBCI
PRODUCT: 7.2 PANEL
FINISH: SMOOTH
RIB SPACING: 7.2" ON CENTER
RIB HEIGHT: 1-1/2"
COATING: SIGNATURE 300
COLOR: PACIFIC BLUE

PALLET RACK

MANUFACTURER: ULINE
COLOR & FINISH: MANUFACTURER'S STANDARD

INSULATED OVERHEAD COILING DOOR

MANUFACTURER: WAYNE DALTON
MODEL: THERMOTILE 800C
FINISH: G-90 WITH POWDER COAT FINISH
COLOR: RAL 7036

WINDOWS

MANUFACTURER: ARCADIA
MODEL: AG451T SERIES (THERMAL)
COLOR: ANODIZED ALUMINUM AB8 BLACK

GLAZING

MANUFACTURER: VITRO ARCHITECTURAL GLASS
COLOR: SOLARGRAY + SOLARBAN 70 (3)

EXTERIOR AND COLOR & MATERIALS SELECTION NOTES:

1. BRAND NAMES, COLORS, AND CODE NUMBERS ARE LISTED ONLY FOR REFERENCE AND NOT INTENDED TO LIMIT OTHER MANUFACTURERS. COLORS AND PRODUCTS OF OTHER MANUFACTURERS WITH COMPARABLE QUALITY AND COLOR ARE ACCEPTABLE.
2. COLOR OF SURFACE MOUNTED PIPES, CONDUITS, UNDER FLOOR VENT PIPE STACKS, SHALL MATCH THE ADJACENT WALL SURFACE, UNLESS NOTED OTHERWISE.
3. EXTERIOR COLOR SELECTIONS ARE BASED ON THE

INTERIOR COLOR & MATERIAL SELECTIONS

LUXURY VINYL TILE FLOORING (LVT-#)
LOBBY & BREAK ROOM

LVT-1 MANUFACTURER: ARMSTRONG FLOORING
PRODUCT: NATURAL CREATIONS WITH DIAMOND 10
COLOR: MATIZ KEY LIME TIDE (NA 401)
SIZE: 6" X 36"
INSTALL PATTERN: STAIRSTEP THIRD

LVT-2 MANUFACTURER: ARMSTRONG FLOORING
PRODUCT: PARALLEL USA 20
COLOR: HAVANA HENNA (J5263)
SIZE: 18" X 18"
INSTALL PATTERN: ALTERNATING HALF

CARPET (C-#)
OPEN OFFICE, PRIVATE OFFICE, & CONFERENCE ROOM

CPT-1 MANUFACTURER: PATCRAFT
PRODUCT: AMPLIFIED NATURE
PATTERN: SCULPTED
COLOR: ALGAE 00400
SIZE: 18" X 36" X 0.25" THICK
PATTERN: BASKETWEAVE

CPT-2 MANUFACTURER: PATCRAFT
PRODUCT: AMPLIFIED NATURE
PATTERN: ESSENCE
COLOR: ALGAE 00400
SIZE: 18" X 36" X 0.25" THICK
PATTERN: MONOLITHIC

CONCRETE (CONC-#)
MAINTENANCE SHOP

CONC-1 MANUFACTURER: EUCLID CHEMICALS
CONCRETE LIQUID DENSIFIER & SEALER
PRODUCT: EUCO DIAMOND HARD
POLISHED CONCRETE & ULTRAGUARD

ELECTROSTATIC DISSIPATIVE EPOXY FLOORING (ESDEF-#)
ELEC & TELECOM ROOM

ESDEF-1 MANUFACTURER: SHERWIN WILLIAMS
PRODUCT: RESUTILE SDS
COLOR: MEDIUM GREY

EPOXY FLOORING (EF-#)
AUTO SHOP & STORAGE ROOM

EF-1 MANUFACTURER: SHERWIN WILLIAMS
(PREVIOUSLY, DUR-A-FLEX)
PRODUCT: HYBRI-FLEX EB
COLOR: MEDIUM GREY
THICKNESS: 3/16" - 1/4"
INCLUDE: 6" INTEGRAL BASE

EF-2 MANUFACTURER: GACOFLOORING
PRODUCT: GACO FLOOR AS2500 - EXTRA HEAVY DUTY ANTI-COATING
COLOR: SAFETY YELLOW
FINISH: TEXTURE

COMPOUND GRATING (CPG-#)
MEZZANINES

CPG-1 CHECKER PLATE OVER STANDARD BAR GRATING

RESILIENT BASE (RB-#)

RB-1 MANUFACTURER: MANNINGTON COMMERICAL
PRODUCT: BURKEBASE TYPE TP MOLDED THERMOPLASTIC RUBBER WALL BASE
PROFILE: 4" COVED
COLOR: ORE 628

PIT GRATE

MANUFACTURER: OXFORD SAFETY COMPONETS
PRODUCT: PITPROTECT
MATERIAL: ALUMINIUM
COLOR: SAFETY YELLOW/RED STRIPPING

PORCELAIN TILE (PT-#)
SEE 12 / A-601 FOR WAINSCOT PATTERN

PT-1 RESTROOMS, SHOWER ROOMS, JANITOR, & LOCKER ROOM FLOORING
MANUFACTURER: DALTILE
PRODUCT: INDUSTRIAL PARK
COLOR: CHARCOAL BLACK IP09
SIZE: 24" x 24" x 5/16" THICK
FINISH: UNPOLISHED
GROUT: 3/16" WIDTH; GRT-1

PT-2 SHOWER STALLS FLOORING
MANUFACTURER: DALTILE
PRODUCT: COLOR WHEEL MOSAICS
COLOR: MATTE ARCHITECTURAL GRAY 0709, LATTICE WEAVE MOSAIC
SIZE: 1" x 3" x 1/4" THICK
FINISH: MATTE
GROUT: 1/8" WIDTH; GRT-1

PT-3A TILE WAINSCOT @ RESTROOMS, SHOWER ROOMS, JANITOR
MANUFACTURER: DALTILE
PRODUCT: COMPOSITION
COLOR: GESSO GLOSS CP01
SIZE: 12" x 24" x 3/8" THICK
FINISH: GLOSSY
GROUT: 1/8" WIDTH; GRT-1

PT-3B WAINSCOT - TOP BAND
MANUFACTURER: DALTILE
PRODUCT: PIETRA DIVINA
COLOR: CALACATTA DOLOMITI GRAY BLEND
SIZE: 8" SPECTRUM, 3/8" THICK
FINISH: POLISHED
GROUT: 1/8" WIDTH; GRT-1

PT-4 BULLNOSE BASE @ LOCKER ROOM & JANITOR
MANUFACTURER: DALTILE
PRODUCT: INDUSTRIAL PARK
COLOR: CHARCOAL BLACK IP09
SIZE: 3" x 12" x 3/8" THICK BULLNOSE
FINISH: UNPOLISHED
GROUT: 3/16" WIDTH; GRT-1

GROUT (GRT-#)

GRT-1 MANUFACTURER: LATICRETE
PRODUCT: PERMACOLOR GROUT
CEMENTITIOUS TILE GROUT
COLOR: 45 RAVEN

WALL PANEL SYSTEM (WPS-#)

WPS-1 WALL PANEL SYSTEM @ SHOWER STALLS
MANUFACTURER: WILSONART
PRODUCT: WETWALL
COLOR: TUSCANY MARBLE W7057
EDGE: BULLNOSE
ACCESSORIES: SINGLE SHELF RECESSED NICHE - COLOR: DESIGNER WHITE

PAINT (P-#)

P-1 GENERAL WALLS
MANUFACTURER: SHERWIN WILLIAMS
COLOR: ACCOLADE SW9516
SHEEN: SATIN

P-2 STAIR HANDRAIL, STAIR GUARDRAIL, RAILINGS, INTERIOR DOORS, INTERIOR DOOR FRAMES
MANUFACTURER: SHERWIN WILLIAMS
COLOR: WARM STONE SW7032
SHEEN: SEMI-GLOSS

P-3 CEILING, WINDOW SILL
MANUFACTURER: SHERWIN WILLIAMS
COLOR: WHITE FLOUR SW7102
SHEEN: SEMI-GLOSS

P-4 CEILING
MANUFACTURER: SHERWIN WILLIAMS
COLOR: TRICORN BLACK SW6258
SHEEN: FLAT

P-5 ACCENT WALLS
MANUFACTURER: SHERWIN WILLIAMS
COLOR: CORNWALL SLATE SW9131
SHEEN: SATIN

P-6 ACCENT WALLS
MANUFACTURER: SHERWIN WILLIAMS
COLOR: GOING GREY SW9554
SHEEN: SEMI-GLOSS

FLOORING/WALL TRANSITIONS

LVT TO CARPET TILE/LVT/ESDEF
MANUFACTURER: SCHLUTER SYSTEMS
PRODUCT: VINPRO-S (1/8" HEIGHT)
FINISH: BRUSHED NICKEL ANODIZED ALUMINUM (ATGB)

PORCELAIN TILE FLOORING MOVEMENT JOINT
MANUFACTURER: SCHLUTER SYSTEMS
PRODUCT: DILEX-BWB
FINISH: GREY (G) RAL 7030 COLOR-COATED ALUMINUM

TILE WAINSCOT TO PORCELAIN TILE FLOORING PERIMETER MOVEMENT JOINT
MANUFACTURER: SCHLUTER SYSTEMS
PRODUCT: DILEX-AHK (INSIDE CORNER)
FINISH: BRUSHED NICKEL ANODIZED ALUMINUM (ATGB)

PORCELAIN TILE FLOORING TO DEPRESSED PORCELAIN TILE FLOORING/LVT
MANUFACTURER: SCHLUTER SYSTEMS
PRODUCT: RENO-U (1/2" H X 55/64" L PROFILE)
FINISH: BRUSHED NICKEL ANODIZED ALUMINUM (ATGB)

EDGE PROTECTION FOR TILE WAINSCOT

TOP & CORNER EDGES
MANUFACTURER: SCHLUTER SYSTEMS
PRODUCT: JOLLY
FINISH: BRUSHED NICKEL ANODIZED ALUMINUM (ATGB)

SOLID SURFACE (SS-#)

SS-1 MANUFACTURER: CORIAN
PRODUCT: SOLID SURFACE
COUNTERTOP & SPLASH
THICKNESS: 1/2"
COLOR: SILVER BIRCH

SS-2 MANUFACTURER: CORAIN
PRODUCT: SOLID SURFACE
SADDLE THRESHOLD
COLOR: ASH AGGREGATE

PLASTIC LAMINATE (PL-#)

PL-1 MANUFACTURER: WILSONART
PRODUCT: PREMIUM LAMINATE
CABINETS, DRAWERS & DOORS
COLOR: ATRIUM TEAK Y0802K-28
FINISH: 28 GLOSS LLINE - AEON SCRATCH RESISTANCE

PL-2 MANUFACTURER: NEVAMAR
PRODUCT: PANOLAM
CABINETS & DRAWERS
COLOR: GIANT GRAY BAMBOO (WX1150-PV)
FINISH: POLISHED VELVET

CORNER GUARD (CG-#)
SEE FLOOR FINISH PLAN FOR LOCATIONS

CG-1 MANUFACTURER: INPRO
PRODUCT: TAPE-ON CORNER GUARDS
COLOR: EGGSHELL #111
SIZE: 3/4" x 3/4" x 48"H

CG-2 MANUFACTURER: INPRO
PRODUCT: TAPE-ON CORNER GUARDS
COLOR: SHIPROCK #280
SIZE: 3/4" x 3/4" x 48"H

TOILET PARTITION (TP-#) / URINAL SCREEN (US-#)

TP-1/ US-1 MANUFACTURER: SCRANTON
PRODUCT: HINY HIDERS
SOLID PLASTIC PARTITIONS/ SCREENS
COLOR: MIDNIGHT
TEXTURE: ORANGE PEEL

WINDOW SHADE (WS-#)

WS-1 MANUFACTURER: MECHO SHADE
PRODUCT: ECO VEIL 1550 SERIES
OPENNESS: 3%
COLOR: SILVER BIRCH #1569

PALLET RACK

MANUFACTURER: STEEL KING
COLOR & FINISH: MANUFACTURER'S STANDARD

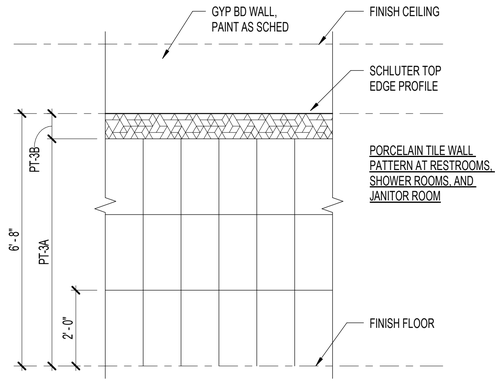
CANTILEVER RACK

MANUFACTURER: STEEL KING
COLOR & FINISH: MANUFACTURER'S STANDARD

ROOM FINISH SCHEDULE AND COLOR AND MATERIAL SELECTIONS NOTES:

BRAND NAMES, COLORS, AND CODE NUMBERS ARE LISTED FOR REFERENCE TO ESTABLISHED LEVEL OF QUALITY, COLOR AND TEXTURE. PRODUCTS FROM OTHER MANUFACTURERS THAT ARE NOT SPECIFICALLY REFERENCED, BUT OTHERWISE MEET THE RFP REQUIREMENTS ARE ACCEPTABLE. THE REFERENCE TO PARTICULAR BRAND NAMES SHALL IN NO WAY BE INTERPRETED AS LIMITING FULL AND OPEN COMPETITION PURSUANT TO FAR SUBPART 6.3. REFER TO COMPREHENSIVE INTERIOR DESIGN PACKAGE FOR FURTHER INFORMATION ON MATIERALS & FINISHES.

1. PROVIDE FINISHES INDICATED THROUGHOUT THE ENTIRE SPACE UNLESS NOTED OTHERWISE. INTERIOR PAINTING INCLUDES ALL NEW AND EXISTING SURFACES, UNLESS NOTED OTHERWISE.
2. INTERIOR WALL COLOR SHALL APPLY TO THE ENTIRE WALL SURFACE, INCLUDING REVEALS, VERTICAL FURRED SPACES, GRILLES, DIFFUSERS, ELECTRICAL PANELS AND ACCESS PANELS, AND PIPING AND CONDUIT ADJACENT TO WALL SURFACES UNLESS OTHERWISE SPECIFIED. ITEMS NOT SPECIFIED ELSEWHERE IN THE DRAWINGS OR SPECIFICATIONS SHALL BE PAINTED TO MATCH ADJACENT WALL SURFACE.
3. CEILING COLORS SHALL APPLY TO CEILING SURFACES INCLUDING SOFFITS, FURRED DOWN AREAS, GRILLES, DIFFUSERS, REGISTERS, AND ACCESS PANELS. CEILING COLOR SHALL ALSO APPLY TO FLOOR/ROOF FRAMING, UNDERSIDE OF ROOF DECK, AND CONDUIT AND PIPING WHERE FRAMING AND DECK ARE EXPOSED, AND TO BE PAINTED.
4. SEE THE DOOR SCHEDULE FOR DOOR AND DOOR FRAME FINISHES.
5. FOR FLOOR PREPARATION INFORMATION, SEE SPECS.
6. FLOORING TRANSITIONS: UNLESS THRESHOLDS AT DOORS ARE SPECIFIED FOR A SPECIFIC CONDITION, PROVIDE FLOORING TRANSITIONS AT THE FOLLOWING CONDITIONS:
   A. WHERE ONE TYPE OF FINISH FLOORING MEETS ANOTHER TYPE OF FINISH FLOORING (I.E. CARPET TO VCT)
7. EXPOSED STRUCTURE CONSISTS OF UNDERSIDE OF STEEL ROOF TRUSSES, METAL DECK, AND EXPOSED HVAC.



12 INTERIOR ELEVATION - TYP TILE WALL PATTERN
NTS

REVISION	DATE	DESCRIPTION	BY	APPROVED

LAURIE A. CHIKAZAWA — LICENSED PROFESSIONAL ARCHITECT — No. 17476 — HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP 4-30-28

RMA ARCHITECTS INC

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS

JOB TITLE
HONOLULU HARBOR, NEW OAHU DISTRICT
BASEYARD RELOCATION AT AUIKI STREET

SHEET TITLE
COLOR AND MATERIAL SELECTIONS

DESIGNED BY:	LC
DRAWN BY:	ER, LC
CHECKED BY:	LC
DATE:	05/2026
SCALE:	AS SHOWN

JOB NUMBER
P10882

SHEET
A-601
140 OF 273 SHTS.

FINAL SUBMITTAL - MAY 2026