

November 4, 2013  
 Aloha Consulting Parties for the Honolulu Rail Transit Project,

As the Airport Station Group, Pearl Harbor Station, is in the Final Design phase and pursuant to H RTP Programmatic Agreement Stipulation IV.C, the attached set of interim design plans for the Pearl Harbor Station are provided to consulting parties for a 30-day review. This review period begins Tuesday November 5, 2013 and will extend through close of business Thursday December 5, 2013.

Please provide written comments by mail to: Joanna Morsicato at Honolulu Authority for Rapid Transportation, 1099 Alakea Street, Suite 1700, Honolulu, HI 96813 or email at ([JMorsicato@honolulu.gov](mailto:JMorsicato@honolulu.gov)) no later than December 5, 2013

The attached plans are subject to change as the result of further design and engineering refinements, as well as agency, stakeholder, and consulting party input.

The Pearl Harbor Station (also noted as Pearl Harbor Naval Base Station) will be located in the median of Kamehameha Highway across from the Pearl Harbor National Historic Landmark District (NHL). The station does not touchdown in the NHL. The station touches down on property adjacent to Radford Drive across the highway from the NHL. Radford Drive separates the proposed Makalapa Navy Housing Historic District from the station. The station touchdown is adjacent to, but not within the proposed Little Makalapa Navy Housing Historic District.

The following pages are provided for review:

1. Cover Sheet	16. High Roof Partial Plan - 1
2. Vicinity Map - Aerial	17. High Roof Partial Plan - 2
3. Vicinity Map - Zoomed in Aerial	18. Building Sections - 1
4. 3D - Pearl Harbor Station over Kam Hwy	19. Building Sections - 2
5. 3D - Pearl Harbor Station Entrance	20. Building Elevations - 1
6. Key Map	21. Building Elevations - 2
7. Index of Drawings - 1	22. Partial Enlarged Elevations - 1
8. Index of Drawings - 2	23. Partial Enlarged Elevations - 2
9. General Site Plan	24. Partial Enlarged Elevations - 3
10. Ground Level Partial Plan - 1	25. Landscape Site Plan
11. Ground Level Partial Plan - 2	26. Landscape Planting Plan
12. Concourse Level Partial Plan - 1	27. Architectural Symbols and Abbreviations -1
13. Concourse Level Partial Plan - 2	28. Architectural Symbols and Abbreviations - 2
14. Platform Level Partial Plan - 1	29. Architectural Symbols and Abbreviations - 3
15. Platform Level Partial Plan - 2	

This fulfills Programmatic Agreement Stipulation IV. C for Pearl Harbor Station ....*For stations within boundaries of or directly adjacent to listed or eligible historic properties, the City shall also provide plans during the final design phase. The consulting parties shall provide the City with comments on the plans within 30 days of receipt. The City shall consider and provide written documentation of that consideration on the project website of all comments provided by the consulting parties prior to completing preliminary engineering or final design plans.*

Excerpt from Airport Stations Group—Pearl Harbor Naval Base Station  
 Basis of Design Report August 30, 2013 (Subject to revision in connection with completion of Final Design)

### 3.0 ARCHITECTURE

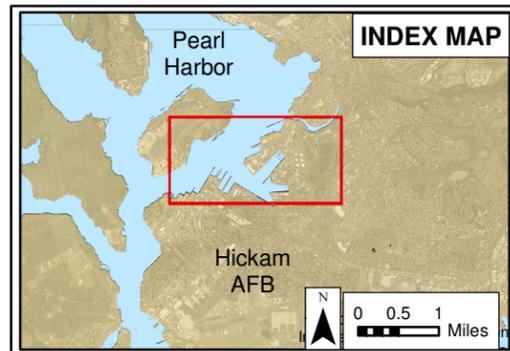
#### 3.1 General Description

Design of the Pearl Harbor Naval Base Station is influenced by the site characteristics, environmental issues, and economic impacts, as well as provision of safe and direct access and egress for the different transportation modes serving the station. The side platform station is on an elevated structure, which is required for the guideway to minimize the land take on Kamehameha Highway. The station is located within a large park, with mature trees to be preserved adjacent to the Makalapa Gate to the Pearl Harbor Naval Base.

Major components of the transit station project include an entry-level plaza at the station entrance on the Mauka side of Kamehameha Highway. The entry plaza and connecting sidewalks allow for safe pedestrian access from the adjacent naval base and residential neighborhood. On the ground-level, a unisex restroom compliant with the requirements of the Americans with Disabilities Act (ADA) is provided, along with support spaces for the maintenance and operation of the transit station. ADA-compliant accessible route is achieved with ADA-compliant stairs and elevators which provide access to the concourse and platform-floor levels. A single direction escalator provides access to the concourse level. Safe passage over Kamehameha Highway is provided by elevated pedestrian bridges within the concourse-and platform floor levels. Access to the transit rail cars are through the two-sided platform level, which is a standard configuration for most of the guideway stations. Seating, map cases, trash receptacles, windscreens, and directional signage will be located on the platform level.

Much like a pavilion, most of the station facility is open for natural sunlight and ventilation to flow freely throughout the station. Multiple metal roof canopies stepping with the elevation changes within the station are included in the design to provide cover in critical areas, such as ancillary and queue spaces, and the path of disabled passengers. The elevated pedestrian walkways are also covered by a metal canopy. The platforms are protected by a cantilevered, tensile fabric canopy on a metal post-and beam-structure. Also, a modular entrance fare gate structure has been developed. These canopies evoke a sail-like visual effect, which is intended to be standardized and used for all stations, providing a strong visual identity for the transit system.

Due to security concerns from the Navy, the necessity of vision/security screens on the Makai side of the station overlooking the Makalapa Gate is required to block any direct views from the ground, platform, and concourse levels of the station. Architectural design elements to be considered are the use of louvers, screens and panels that will block all direct views of the gate while allowing for air circulations, ventilations, and natural sun light. All of this is in keeping with an overall pavilion-like station design. Additionally, elevator glass on the makai sides of the station will be frosted glass to screen the Navy gate.



**Legend**

-  Pearl Harbor Naval Base National Historic Landmark
-  Rail Guideway
-  Pearl Harbor Station Site Footprint
-  Potential Makalapa Navy Housing Historic District
-  Potential Little Makalapa Navy Housing Historic District
-  Historic Military Properties

**HONOLULU RAIL TRANSIT PROJECT**

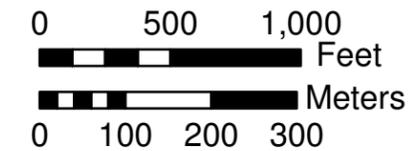
Honolulu Authority for Rapid Transportation

**Pearl Harbor Naval Base  
Rail Station Location**

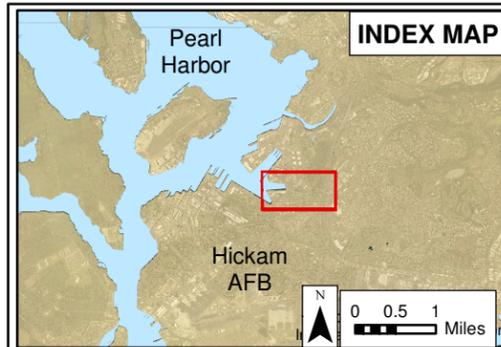
**Pearl Harbor Station  
Vicinity Map**

**DRAFT - FOR OFFICIAL USE ONLY**

Date: 11/4/2013



AERIAL PHOTO 2007



- Legend**
- Pearl Harbor Naval Base National Historic Landmark
  - Rail Guideway
  - Pearl Harbor Station Site Footprint
  - Potential Makalapa Navy Housing Historic District
  - Potential Little Makalapa Navy Housing Historic District
  - ✱ Historic Military Properties

AERIAL PHOTO 2007

**HONOLULU RAIL TRANSIT PROJECT**

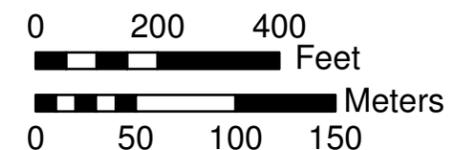
Honolulu Authority for Rapid Transportation

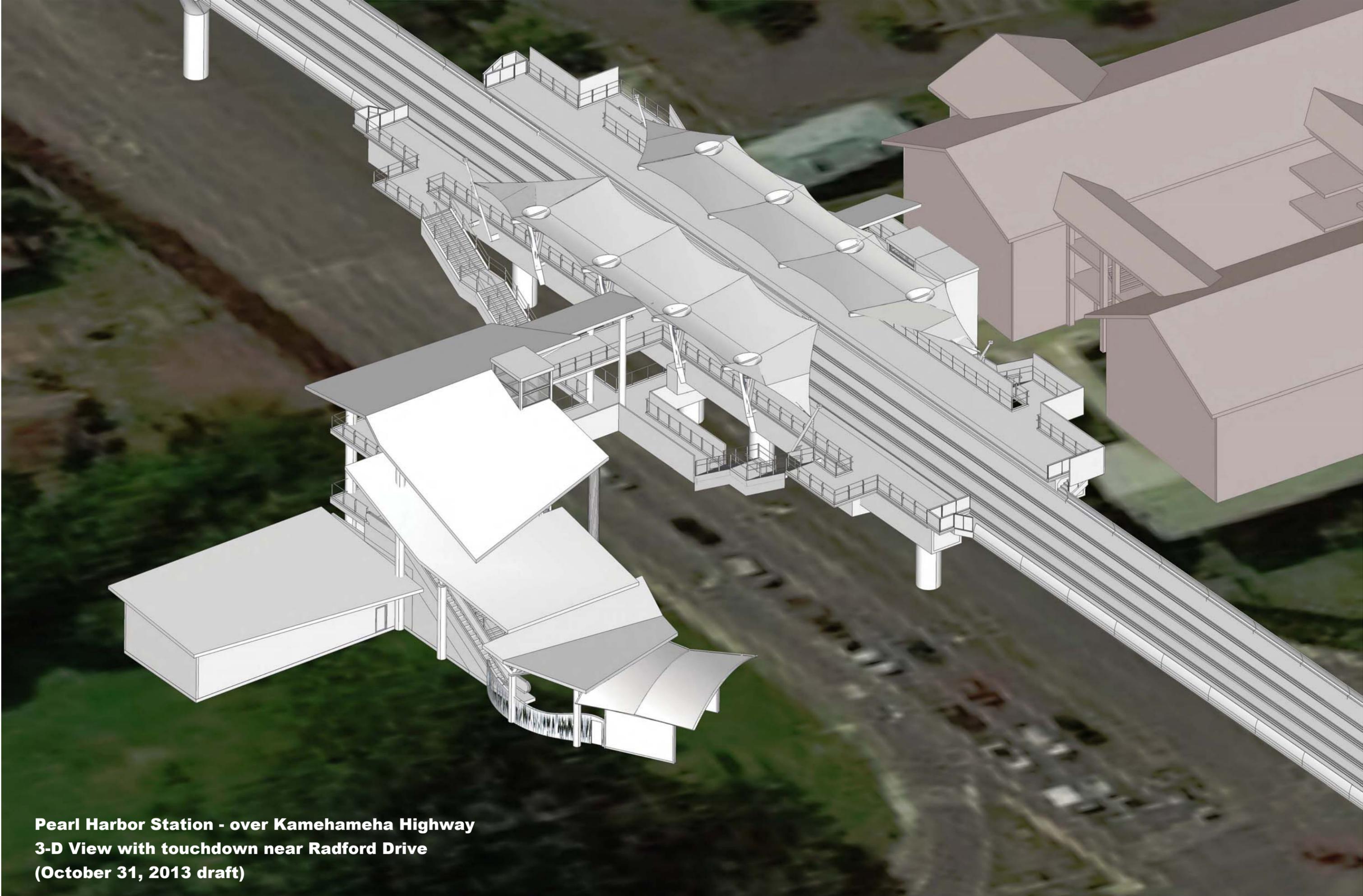
**Pearl Harbor Naval Base  
Rail Station Location**

**Zoomed-In Pearl Harbor  
Station Vicinity Map**

**DRAFT - FOR OFFICIAL USE ONLY**

Date: 11/4/2013





**Pearl Harbor Station - over Kamehameha Highway**  
**3-D View with touchdown near Radford Drive**  
**(October 31, 2013 draft)**



**Pearl Harbor Station Entrance**  
**3-D View at Kamehameha Highway and Radford Drive**  
**(October 31, 2013 draft)**



Pg. No.	Dwg. No.	Rev. No.	Drawing Title
<b>Volume 1 – General</b>			
1	N/A	B	COVER SHEET
2	GN002	B	TITLE SHEET
3	GN003	B	INDEX OF DRAWINGS SHEET 2 OF 2
4	GN004	B	INDEX OF DRAWINGS SHEET 1 OF 2
5	GN005	B	EGRESS ANALYSIS GROUND LEVEL
6	GN006	B	EGRESS ANALYSIS CONCOURSE LEVEL
7	GN007	B	EGRESS ANALYSIS PLATFORM LEVEL
8	GN008	B	EGRESS ANALYSIS
<b>Civil</b>			
9	SC001	B	SURVEY CONTROLS AND RIGHT-OF-WAY PLAN
10	TD001	B	DEMOLITION PLAN
11	TD101	B	TOPOGRAPHIC SURVEY SHEET 1 OF 2
12	TD102	B	TOPOGRAPHIC SURVEY SHEET 2 OF 2
13	RP001	B	GENERAL SITE PLAN
14	RP002	B	CIVIL SITE PLAN
15	RP003	B	CONCRETE SIDEWALK DETAILS
16	GD001	B	EROSION CONTROL AND BMP PLAN
17	GD002	B	GRADING PLAN
18	GD003	B	SITE SECTIONS
19	TR101	B	TRAFFIC CONTROL PLAN TYPICAL LEFT LANE CLOSURE
20	TR102	B	TRAFFIC CONTROL PLAN TYPICAL CENTER LANE CLOSURE
21	TR103	B	TRAFFIC CONTROL PLAN TYPICAL RIGHT LANE CLOSURE
22	TR104A	B	TRAFFIC CONTROL PLAN KAMEHAMEHA HWY AT RADFORD DR PHASE 1
23	TR104B	B	TRAFFIC CONTROL PLAN KAMEHAMEHA HWY AT RADFORD DR PHASE 2
24	TR104C	B	TRAFFIC CONTROL PLAN KAMEHAMEHA HWY AT RADFORD DR PHASE 3
25	TR104D	B	TRAFFIC CONTROL PLAN KAMEHAMEHA HWY AT RADFORD DR PHASE 4
26	UP001	B	UTILITIES PLAN WATER, SEWER & DRAINAGE SHEET 1 OF 2
27	UP002	B	UTILITIES PLAN WATER, SEWER & DRAINAGE SHEET 2 OF 2
28	UP003	B	UTILITY PROFILE
<b>Structural</b>			
29	ST100	B	STRUCTURAL OVERALL PLAN
30	ST110	B	ENTRANCE STRUCTURE FOUNDATION PLAN
31	ST111	B	ENTRANCE STRUCTURE CONCOURSE LEVEL FRAMING PLAN
32	ST112	B	ENTRANCE STRUCTURE PLATFORM LEVEL FRAMING PLAN

33	ST113	B	ENTRANCE STRUCTURE UPPER ROOF FRAMING PLAN
34	ST130	B	PEDESTRIAN BRIDGE FOUNDATION PLAN
35	ST131	B	PEDESTRIAN BRIDGE CONCOURSE LEVEL FRAMING PLAN
36	ST132	B	PEDESTRIAN BRIDGE PLATFORM LEVEL FRAMING PLAN
37	ST133	B	PEDESTRIAN BRIDGE ROOF FRAMING PLAN
38	ST134	B	PLATFORM GIRDER PLAN
39	ST200	B	ENLARGED TCCR BUILDING ROOF FRAMING PLAN
40	ST300	B	ENTRANCE STRUCTURE BUILDING SECTION AT ESCALATOR
41	ST301	B	ENTRANCE STRUCTURE BUILDING SECTION AT STAIRS
42	ST440	B	ENTRANCE STRUCTURE ELEVATOR PLAN, SECTIONS AND DETAILS
43	ST500	B	PEDESTRIAN BRIDGE ELEVATION AND SECTION
44	ST501	B	PEDESTRIAN BRIDGE ELEVATIONS
45	ST510	B	PEDESTRIAN BRIDGE SECTIONS AND DETAILS
46	ST520	B	PEDESTRIAN BRIDGE FOUNDATION DETAILS SHEET 1 OF 2
47	ST521	B	PEDESTRIAN BRIDGE FOUNDATION DETAILS SHEET 2 OF 2
48	ST530	B	PEDESTRIAN BRIDGE DETAILS
49	ST600	B	PLATFORM GIRDER ELEVATION AND SECTION
50	ST610	B	PLATFORM GIRDER TYPICAL SECTIONS
51	ST700	B	PEDESTRIAN BRIDGE STAIR TRUSS ELEVATION AND SECTION
52	ST800	B	ELEVATOR #2 ELEVATIONS AND PLANS
<b>Architectural</b>			
53	AR200	B	SITE PLAN
54	AR310	B	GROUND LEVEL PARTIAL PLAN SHEET 1 OF 2
55	AR311	B	GROUND LEVEL PARTIAL PLAN SHEET 2 OF 2
56	AR312	B	CONCOURSE LEVEL PARTIAL PLAN SHEET 1 OF 2
57	AR313	B	CONCOURSE LEVEL PARTIAL PLAN SHEET 2 OF 2
58	AR314	B	PLATFORM LEVEL PARTIAL PLAN SHEET 1 OF 2
59	AR315	B	PLATFORM LEVEL PARTIAL PLAN SHEET 2 OF 2
60	AR316	B	HIGH ROOF PARTIAL PLAN SHEET 1 OF 2
61	AR317	B	HIGH ROOF PARTIAL PLAN SHEET 2 OF 2
62	AR330	B	GROUND LEVEL PARTIAL SIGNAGE PLAN
63	AR331	B	CONCOURSE LEVEL PARTIAL SIGNAGE PLAN SHEET 1 OF 2

64	AR332	B	CONCOURSE LEVEL PARTIAL SIGNAGE PLAN SHEET 2 OF 2
65	AR333	B	PLATFORM LEVEL PARTIAL SIGNAGE PLAN SHEET 1 OF 2
66	AR334	B	PLATFORM LEVEL PARTIAL
67	AR340	B	GROUND LEVEL ARCHITECTURAL FENCE ASSEMBLY
68	AR341	B	CONCOURSE LEVEL PARTIAL BALUSTRADE PLAN SHEET 1 OF 2
69	AR342	B	CONCOURSE LEVEL PARTIAL BALUSTRADE PLAN SHEET 2 OF 2
70	AR343	B	PLATFORM LEVEL PARTIAL BALUSTRADE PLAN SHEET 1 OF 2
71	AR344	B	PLATFORM LEVEL PARTIAL BALUSTRADE PLAN SHEET 2 OF 2
72	AR400	B	GROUND LEVEL PARTIAL REFLECTED CEILING PLAN
73	AR401	B	CONCOURSE LEVEL PARTIAL REFLECTED CEILING PLAN SHEET 1 OF 2
74	AR402	B	CONCOURSE LEVEL PARTIAL REFLECTED CEILING PLAN SHEET 2 OF 2
75	AR403	B	PLATFORM LEVEL PARTIAL REFLECTED CEILING PLAN SHEET 1 OF 2
76	AR404	B	PLATFORM LEVEL PARTIAL REFLECTED CEILING PLAN SHEET 2 OF 2
77	AR500	B	BUILDING SECTIONS SHEET 1 OF 2
78	AR501	B	BUILDING SECTIONS SHEET 2 OF 2
79	AR502	B	WALL SECTIONS
80	AR503	B	PARTITION TYPES
81	AR600	B	BUILDING ELEVATIONS SHEET 1 OF 2
82	AR601	B	BUILDING ELEVATIONS SHEET 2 OF 2
83	AR602	B	DETAIL PLANS AND INTERIOR ELEVATIONS
84	AR603	B	PARTIAL ENLARGED ELEVATIONS SHEET 1 OF 3
85	AR604	B	PARTIAL ENLARGED ELEVATIONS SHEET 2 OF 3
86	AR605	B	PARTIAL ENLARGED ELEVATIONS SHEET 3 OF 3
87	AR700	B	ENLARGED STAIR PLANS & SECTIONS SHEET 1 OF 2
88	AR701	B	ENLARGED STAIR PLANS & SECTIONS SHEET 2 OF 2
89	AR702	B	ESCALATOR SECTIONS
90	AR900	B	DOOR SCHEDULE
91	AR901	B	ROOM FINISH SCHEDULE

92	AR902	B	SIGNAGE SCHEDULE SHEET 1 OF 3
93	AR903	B	SIGNAGE SCHEDULE SHEET 2 OF 3
94	AR904	B	SIGNAGE SCHEDULE SHEET 3 OF 3
<b>Landscape</b>			
95	LA101	B	LANDSCAPE DEMOLITION PLAN
96	LA102	B	LANDSCAPE SITE PLAN
97	LA103	B	LANDSCAPE PLANTING PLAN
98	LA104	B	LANDSCAPE IRRIGATION PLN
<b>Mechanical</b>			
99	MC200	B	OVERALL SITE PLAN
100	ME310	B	GROUND LEVEL PARTIAL PLAN
101	ME311	B	CONCOURSE LEVEL PARTIAL PLAN SHEET 1 OF 2
102	ME312	B	CONCOURSE LEVEL PARTIAL PLAN SHEET 2 OF 2
103	ME315	B	PLATFORM LEVEL PARTIAL PLAN SHEET 1 OF 2
104	ME316	B	PLATFORM LEVEL PARTIAL PLAN SHEET 2 OF 2
105	ME317	B	MECHANICAL AND PLUMBING – GROUND LEVEL PLAN SHEET 1 OF 3
106	ME318	B	MECHANICAL AND PLUMBING – GROUND LEVEL PLAN SHEET 2 OF 3
107	ME319	B	MECHANICAL AND PLUMBING – GROUND LEVEL PLAN SHEET 3 OF 3
108	ME500	B	PLATFORM AND GIRDER ELEVATION AND SECTION
109	ME600	B	MECHANICAL AND PLUMBING
<b>Electrical</b>			
110	EL100	B	ELECTRICAL SITE PLAN
111	EL101	B	GROUND LEVEL PWR & COMM DISTRIBUTION PLAN
112	EL102	B	CONCOURSE LEVEL PWR & COMM DISTRIBUTION PLAN
113	EL103	B	PLATFORM LEVEL PWR & COMM DISTRIBUTION PLAN
114	EL201	B	GROUND LEVEL OVERALL LIGHTING PLAN
115	EL202	B	CONCOURSE LEVEL OVERALL LIGHTING PLAN
116	EL203	B	PLATFORM LEVEL OVERALL LIGHTING PLAN
117	EL204	B	GROUND LEVEL LIGHTING PLAN
118	EL205	B	CONCOURSE LEVEL PARTIAL LIGHTING PLAN SHEET 1 OF 2
119	EL206	B	CONCOURSE LEVEL PARTIAL LIGHTING PLAN SHEET 2 OF 2
120	EL207	B	PLATFORM LEVEL PARTIAL LIGHTING PLAN SHEET 1 OF 2
121	EL208	B	PLATFORM LEVEL PARTIAL LIGHTING PLAN SHEET 2 OF 2

122	EL301	B	GROUND LEVEL OVERALL POWER PLAN
123	EL302	B	CONCOURSE LEVEL OVERALL POWER PLAN
124	EL303	B	PLATFORM LEVEL OVERALL POWER PLAN
125	EL304	B	GROUND LEVEL POWER PLAN
126	EL305	B	CONCOURSE LEVEL PARTIAL POWER PLAN SHEET 1 OF 2
127	EL306	B	CONCOURSE LEVEL PARTIAL POWER PLAN SHEET 2 OF 2
128	EL307	B	PLATFORM LEVEL PARTIAL POWER PLAN SHEET 1 OF 2
129	EL308	B	PLATFORM LEVEL PARTIAL POWER PLAN SHEET 2 OF 2
130	EL400	B	GROUND LEVEL PARTIAL COMMUNICATIONS PLAN
131	EL401	B	CONCOURSE LEVEL PARTIAL COMMUNICATIONS PLAN SHEET 1 OF 2
132	EL402	B	CONCOURSE LEVEL PARTIAL COMMUNICATIONS PLAN SHEET 2 OF 2
133	EL403	B	PLATFORM LEVEL PARTIAL COMMUNICATIONS PLAN SHEET 1 OF 2
134	EL404	B	PLATFORM LEVEL PARTIAL COMMUNICATIONS PLAN SHEET 2 OF 2
135	EL410	B	GROUND LEVEL ELECTRICAL GROUNDING PLAN
136	EL500	B	ELECTRICAL ROOM LAYOUT
137	EL600	B	POWER DISTRIBUTION ONE-LINE DIAGRAM
138	EL601	B	ELECTRICAL GROUNDING RISER DIAGRAM
139	EL700	B	COMMUNICATION SYSTEM RISER DIAGRAM
140	EL701	B	PIS (PASSENGER INF SYSTEM) RISER DIAGRAM
141	EL800	B	LUMINAIRE SCHEDULE
142	EL801	B	PANEL SCHEDULES SHEET 1 OF 2
143	EL802	B	PANEL SCHEDULES SHEET 2 OF 2

Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM DESIGN**

Designed:	J Stone
Drawn:	C Uemura
Checked:	J Stone
Approved:	J Stone
Date:	08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION



1001 Bishop Street, Suite 1600 – Honolulu, HI 96813

For reduced prints, original page size in inches: 0 1 2 3 4



925 Bethel Street, Fifth Floor  
Honolulu, Hawaii 96813-4307

PEARL HARBOR NAVAL BASE STATION

**INDEX OF DRAWINGS**

SHEET 1 OF 2

Contract No.:	SC-HRT-1300022
File:	SJ3-A03-GN003
Drawing No.:	GN003
Rev.:	B
Scale:	N/A
Page No.:	3 of 143

Pg. No.	Dwg. No.	Rev. No.	Drawing Title
<b>Volume 5 – Common Drawings</b>			
1	N/A	B	COVER SHEET
2	GN002	B	TITLE SHEET
<b>Civil</b>			
3	CG001	B	GENERAL CIVIL NOTES, SYMBOLS AND ABBREVIATIONS
4	TG001	B	MAINTENANCE OF TRAFFIC NOTES AND LEGEND
5	UG001	B	GENERAL CIVIL NOTES, SYMBOLS AND ABBREVIATIONS
<b>Structural</b>			
6	SG001	B	GENERAL STRUCTURAL NOTES, SYMBOLS AND ABBREVIATIONS
7	SG002	B	GENERAL STRUCTURAL NOTES, SYMBOLS AND ABBREVIATIONS
8	SG003	B	GENERAL STRUCTURAL NOTES, SYMBOLS AND ABBREVIATIONS
9	SG004	B	GENERAL STRUCTURAL NOTES, SYMBOLS AND ABBREVIATIONS
<b>Architectural</b>			
10	AG001	B	GENERAL ARCHITECTURAL NOTES, SYMBOLS AND ABBREVIATIONS
11	AG002	B	GENERAL ARCHITECTURAL NOTES, SYMBOLS AND ABBREVIATIONS
12	AG003	B	GENERAL ARCHITECTURAL NOTES, SYMBOLS AND ABBREVIATIONS
13	AS001	B	STAIR / ESCALATOR DESIGN REQUIREMENTS
14	AS002	B	TRACTION ELEVATOR DESIGN REQUIREMENT AND CONFIGURATION
15	AS003	B	HYDRAULIC DULA JACK ELEVATOR DESIGN REQUIREMENT AND CONFIGURATION
16	AS004	B	ELEVATOR HOISTWAY SECTIONS
17	AS005	B	END OF PLATFORM DESIGN LAYOUT SIDE PLATFORM
18	AS006	B	ENLARGED ELEVATION SIDE PLATFORM PROTOTYPE

4

3

2

1

B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update
Rev	By	Date	Description

**INTERIM  
DESIGN**

Designed:  
J Stone

Drawn:  
C Uemura

Checked:  
J Stone

Approved:  
J Stone

Date:  
08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant:

**AECOM**

1001 Bishop Street, Suite 1600 – Honolulu, HI 96813

Subconsultant:

**GROUP 70**  
INTERNATIONAL  
925 Bethel Street, Fifth Floor  
Honolulu, Hawaii 96813-4307

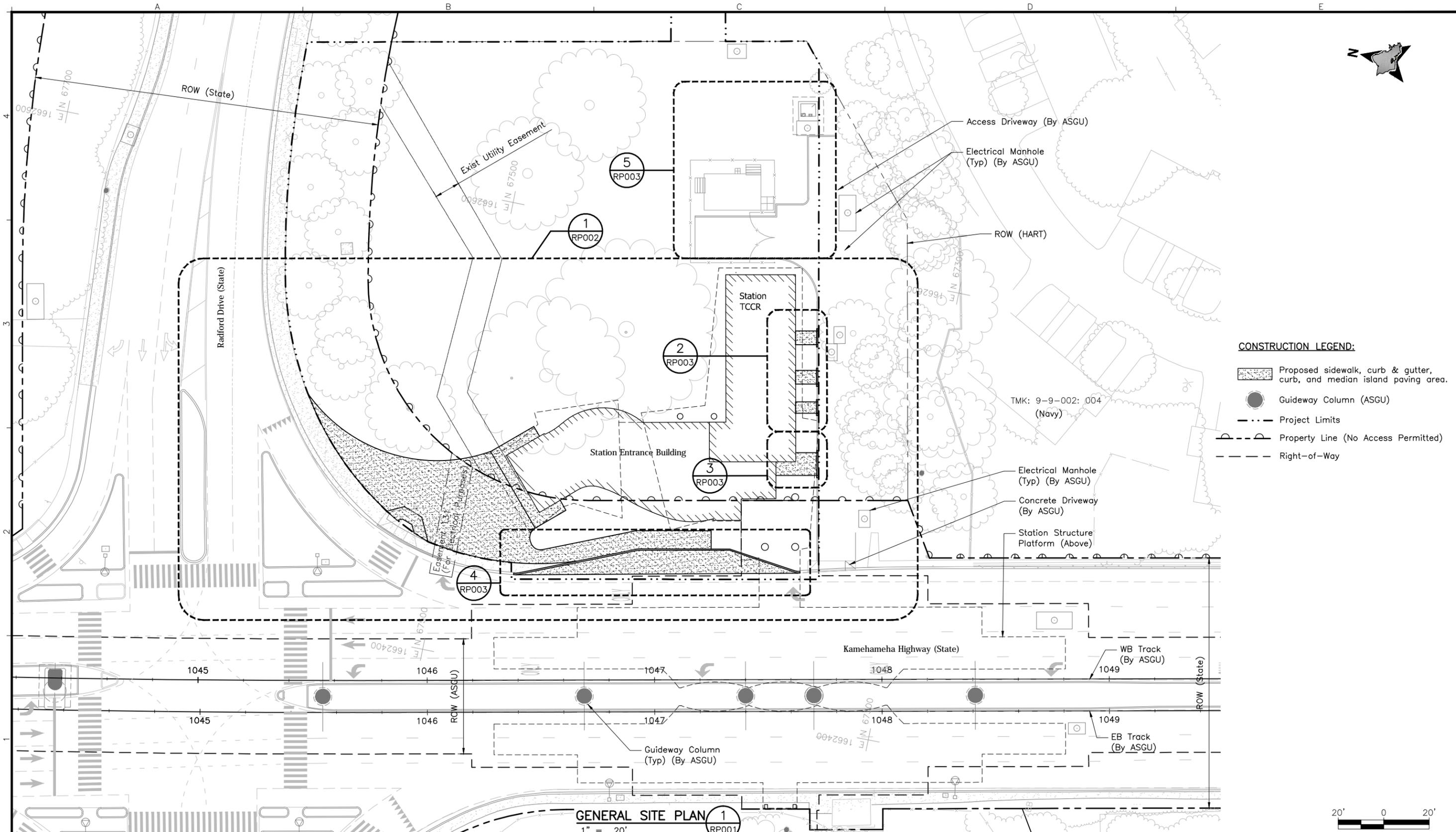
For reduced prints, original page size in inches: 0 1 2 3 4

PEARL HARBOR NAVAL BASE STATION

**INDEX OF DRAWINGS**

SHEET 2 OF 2

Contract No.: SC-HRT-1300022	
File: SJ3-A03-GN004	
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- CONSTRUCTION LEGEND:**
- Proposed sidewalk, curb & gutter, curb, and median island paving area.
  - Guideway Column (ASGU)
  - Project Limits
  - Property Line (No Access Permitted)
  - Right-of-Way

**GENERAL SITE PLAN 1**  
1" = 20'

Rev	By	Date	Description
B	TS	08-30-13	Interim Design
A	KW	03-29-13	Preliminary Engineering Update

**INTERIM  
DESIGN**

Designed:  
T Samura  
Drawn:  
T Samura  
Checked:  
R Asari  
Approved:  
D Kodama  
Date:  
08-30-13

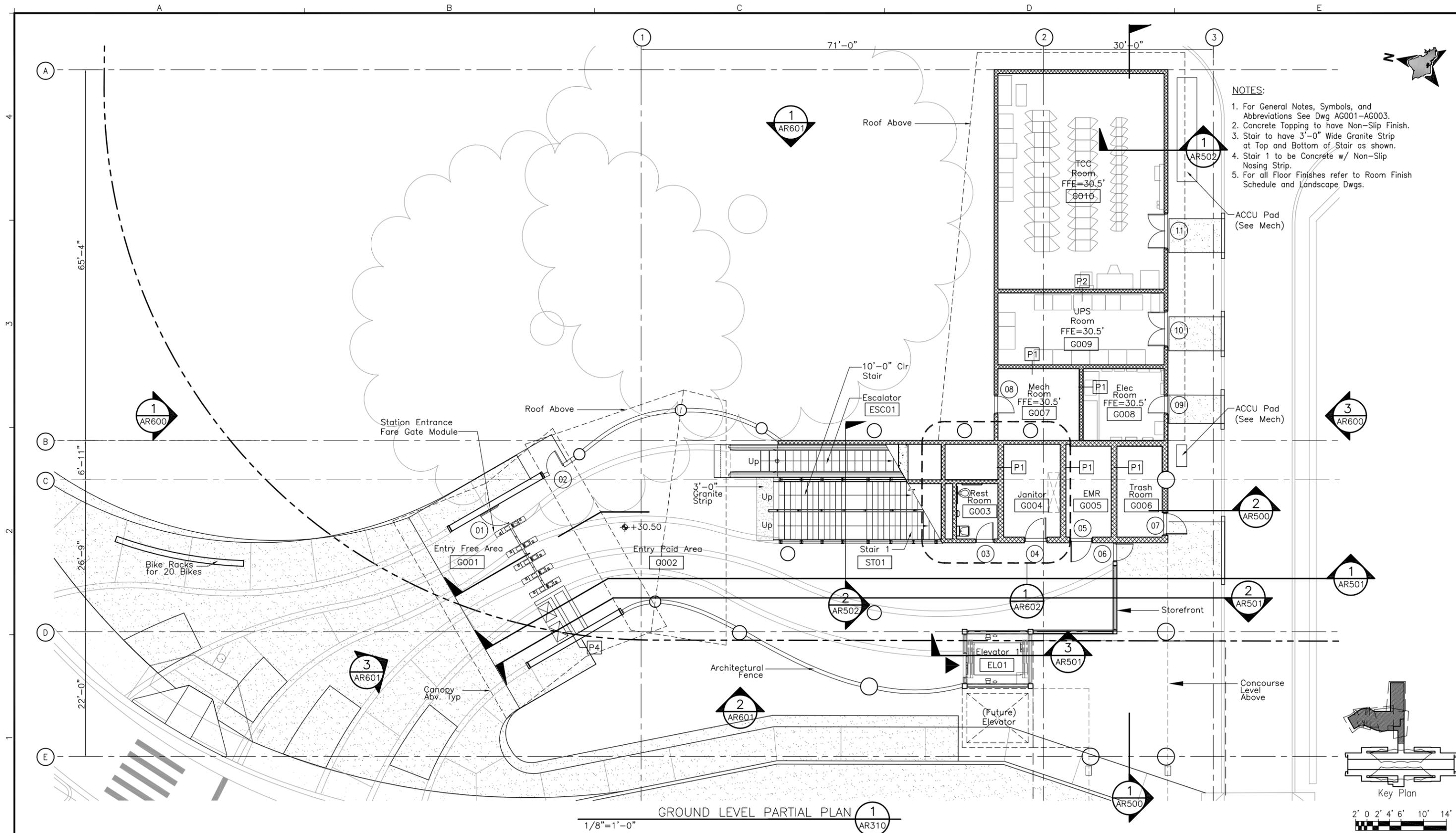
**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant:  
**AECOM**  
1001 Bishop Street, Suite 1600 - Honolulu, HI 96813

Subconsultant:

**PEARL HARBOR NAVAL BASE STATION**  
**GENERAL SITE PLAN**

Contract No.: SC-HRT-1300022	
File: SJ3-B10-RP001	
Drawing No: RP001	Rev. B
Scale: 1" = 20'	
Page No. 13 of 143	



- NOTES:**
1. For General Notes, Symbols, and Abbreviations See Dwg AG001-AG003.
  2. Concrete Topping to have Non-Slip Finish.
  3. Stair to have 3'-0" Wide Granite Strip at Top and Bottom of Stair as shown.
  4. Stair 1 to be Concrete w/ Non-Slip Nosing Strip.
  5. For all Floor Finishes refer to Room Finish Schedule and Landscape Dwg.

Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM DESIGN**

Designed: J Stone  
 Drawn: C Uemura  
 Checked: J Stone  
 Approved: J Stone  
 Date: 08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
 HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

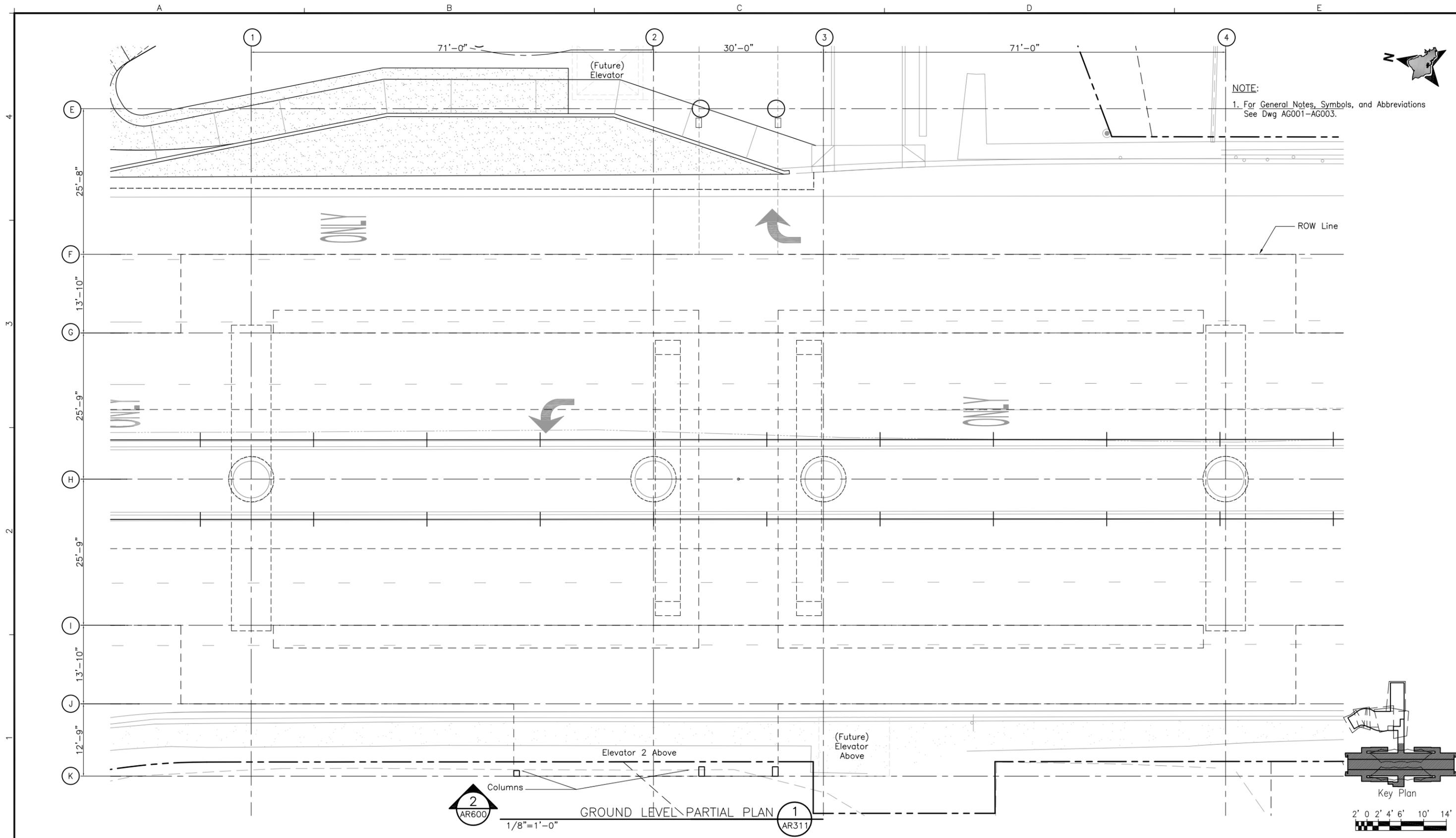
Prime Consultant: **AECOM**  
 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813

Subconsultant: **GROUP 70 INTERNATIONAL**  
 925 Bethel Street, Fifth Floor  
 Honolulu, Hawaii 96813-4307

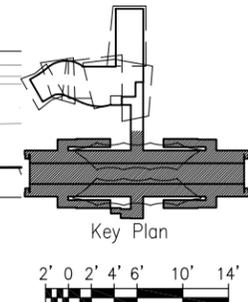
**PEARL HARBOR NAVAL BASE STATION**  
**GROUND LEVEL PARTIAL PLAN**

SHEET 1 OF 2

Contract No.: SC-HRT-1300022
File: SJ3-H03-AR310
Drawing No: AR310 Rev. B
Scale: 1/8"=1'-0"
Page No. 54 of 143



NOTE:  
1. For General Notes, Symbols, and Abbreviations See Dwg AG001-AG003.



GROUND LEVEL PARTIAL PLAN  
1/8" = 1'-0"  
AR600 2 AR311 1

Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM DESIGN**

Designed:	J Stone
Drawn:	C Uemura
Checked:	J Stone
Approved:	J Stone
Date:	08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

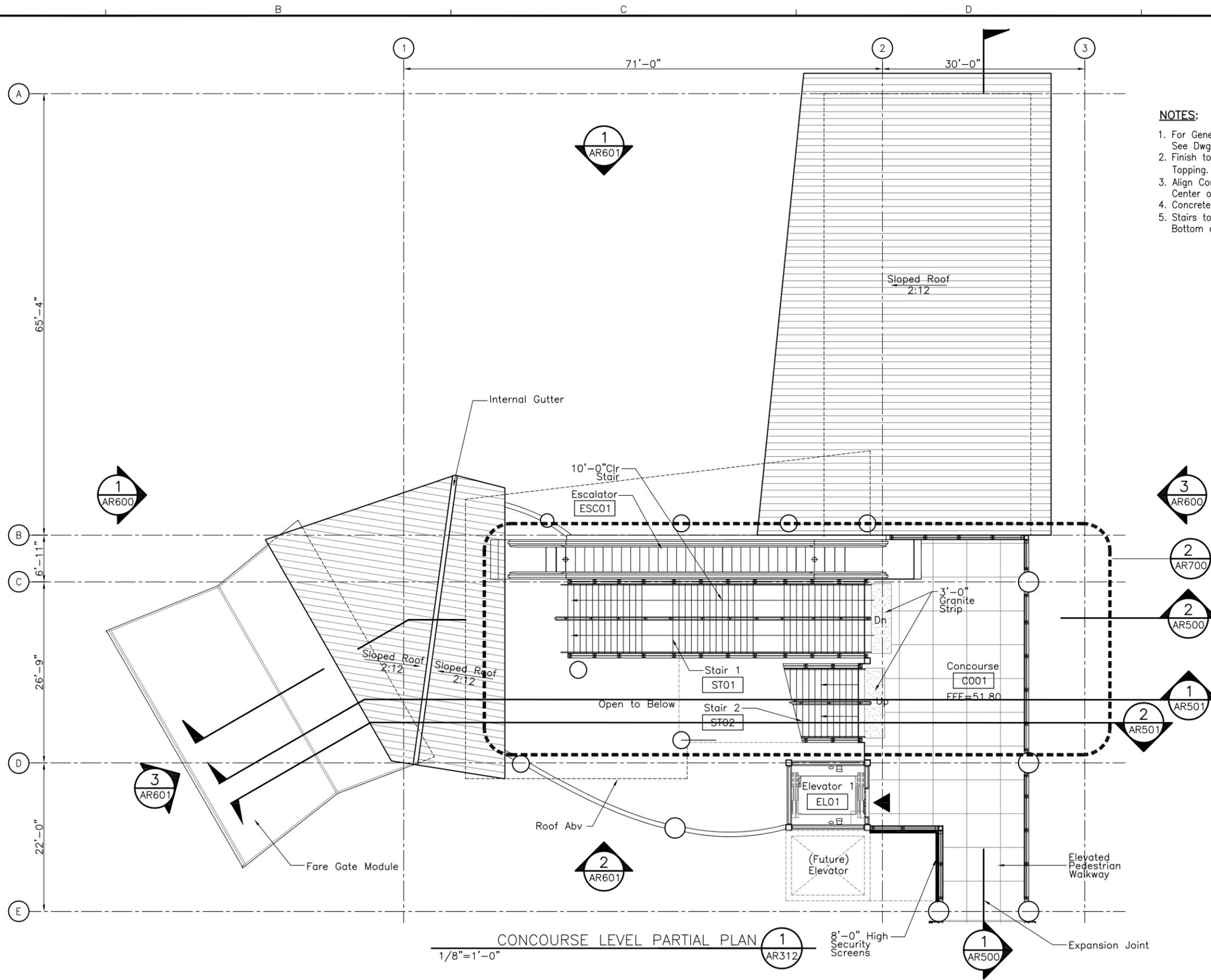
Prime Consultant:	Subconsultant:
 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813	 925 Bethel Street, Fifth Floor Honolulu, Hawaii 96813-4307

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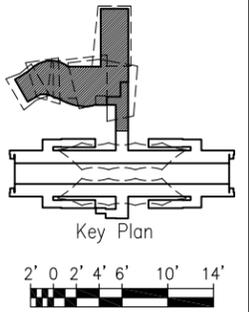
**PEARL HARBOR NAVAL BASE STATION**  
**GROUND LEVEL PARTIAL PLAN**

SHEET 2 OF 2

Contract No.:	SC-HRT-1300022
File:	SJ3-H03-AR311
Drawing No.:	AR311
Rev.:	B
Scale:	1/8" = 1'-0"
Page No.:	55 of 143



- NOTES:**
1. For General Notes, Symbols, and Abbreviations See Dwg AG001-AG003.
  2. Finish to be Exposed Aggregate Concrete Topping. Saw-Cut Control Joints at 5'-0" typ.
  3. Align Concrete Topping Control Joints w/ Center of Balustrade Post Module.
  4. Concrete Topping to have Non-Slip Finish.
  5. Stairs to have 3'-0" Granite Strip at Top and Bottom of Stairs as shown.



CONCOURSE LEVEL PARTIAL PLAN  
1/8" = 1'-0"

Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM DESIGN**

Designed: J Stone  
 Drawn: C Uemura  
 Checked: J Stone  
 Approved: J Stone  
 Date: 08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
 HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant: **AECOM**  
 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813

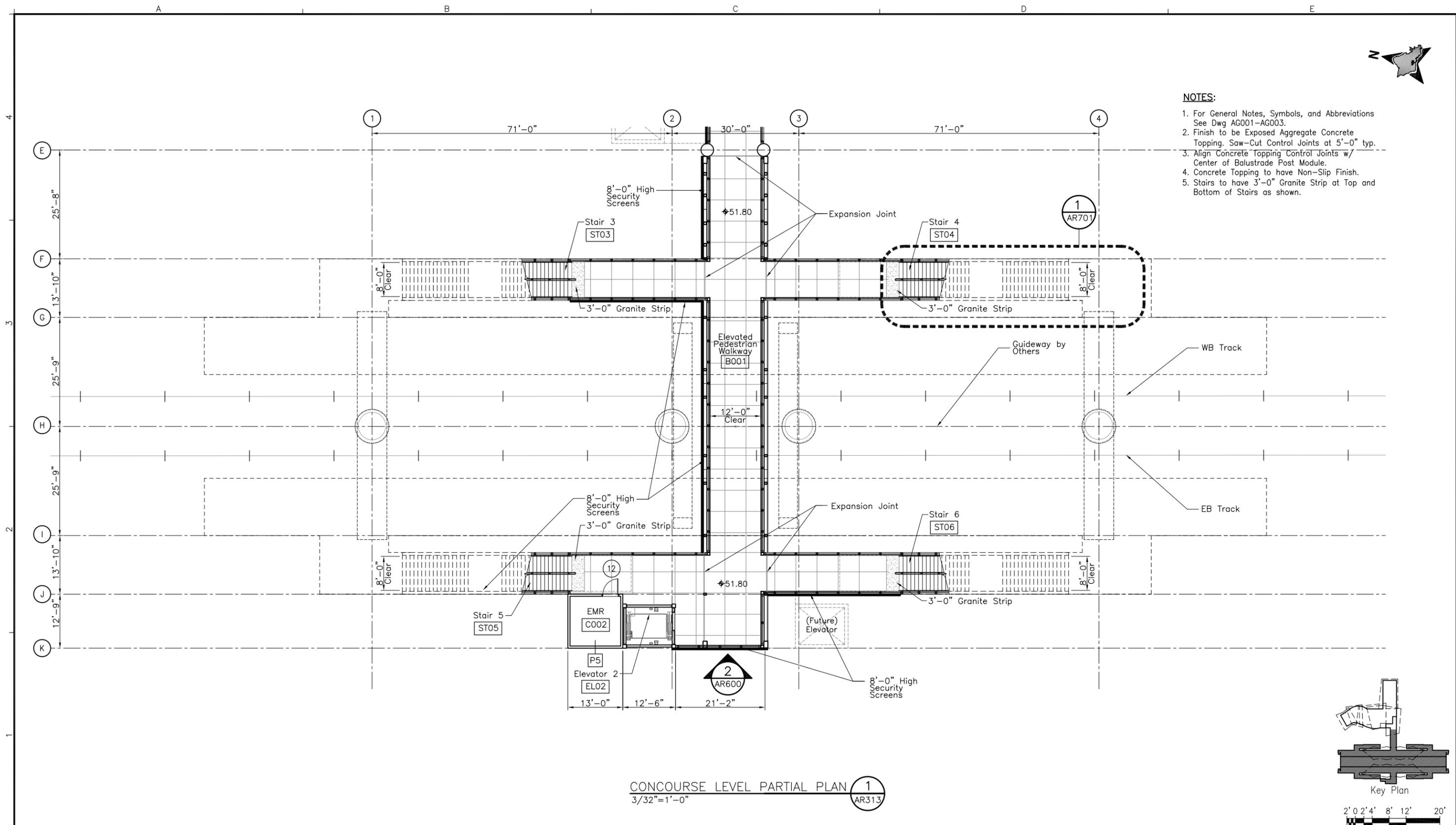
Subconsultant: **GROUP 70 INTERNATIONAL**  
 925 Bethel Street, Fifth Floor  
 Honolulu, Hawaii 96813-4307

**PEARL HARBOR NAVAL BASE STATION**  
**CONCOURSE LEVEL PARTIAL PLAN**

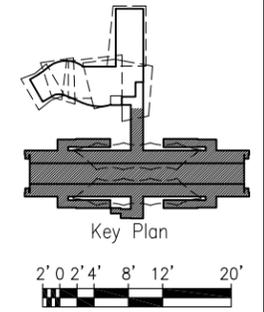
Contract No.: SC-HRT-1300022
File: SJ3-H03-AR312
Drawing No: AR312
Scale: 1/8" = 1'-0"
Page No. 56 of 143



- NOTES:**
1. For General Notes, Symbols, and Abbreviations See Dwg AG001-AG003.
  2. Finish to be Exposed Aggregate Concrete Topping. Saw-Cut Control Joints at 5'-0" typ.
  3. Align Concrete Topping Control Joints w/ Center of Balustrade Post Module.
  4. Concrete Topping to have Non-Slip Finish.
  5. Stairs to have 3'-0" Granite Strip at Top and Bottom of Stairs as shown.



CONCOURSE LEVEL PARTIAL PLAN 1  
 3/32"=1'-0" AR313



Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM  
DESIGN**

Designed:  
J Stone  
 Drawn:  
C Uemura  
 Checked:  
J Stone  
 Approved:  
J Stone  
 Date:  
08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
 HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

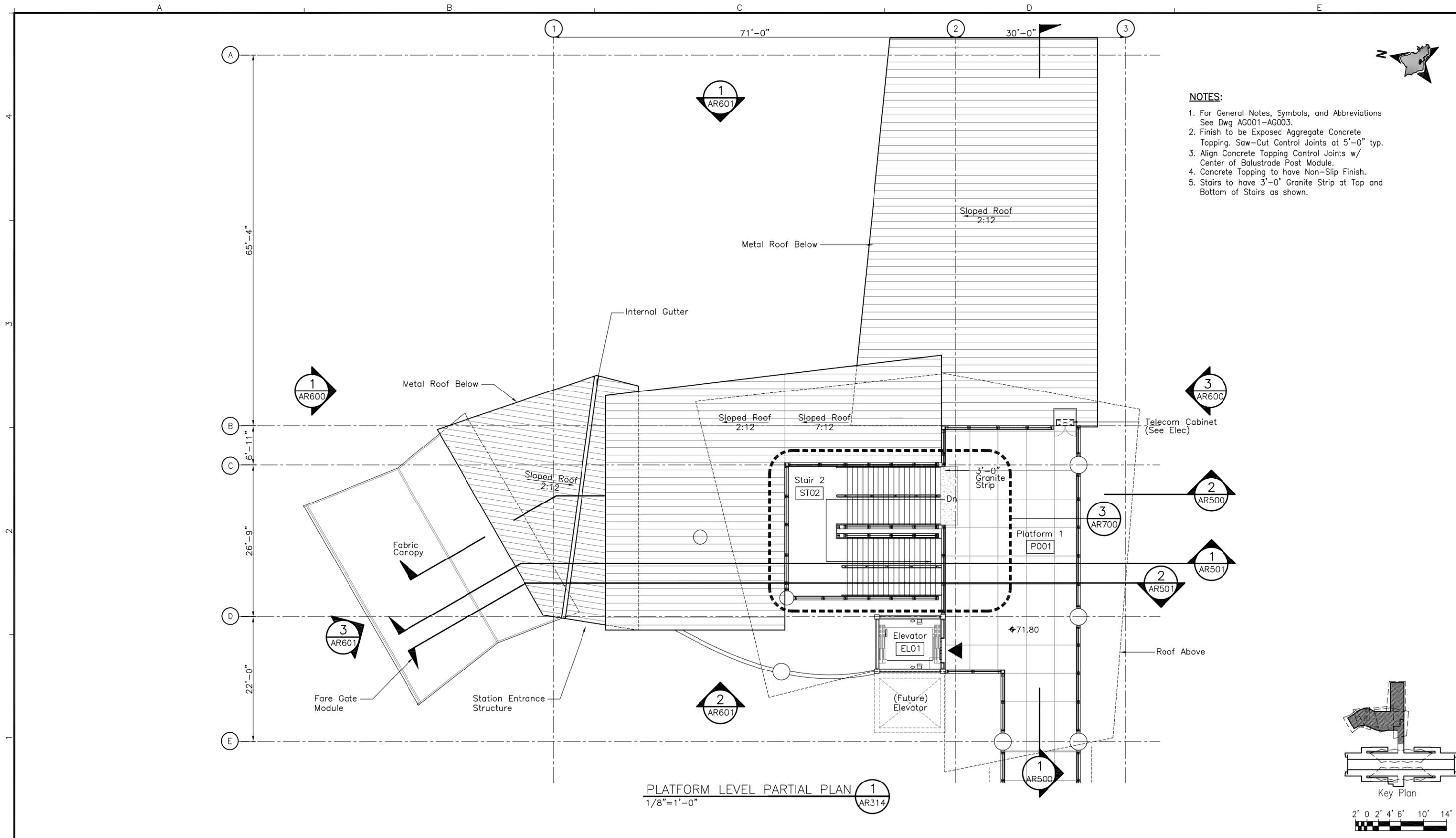
Prime Consultant:  
**AECOM**  
 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813

Subconsultant:  
**GROUP 70**  
 INTERNATIONAL  
 925 Bethel Street, Fifth Floor  
 Honolulu, Hawaii 96813-4307

PEARL HARBOR NAVAL BASE STATION  
**CONCOURSE LEVEL PARTIAL PLAN**

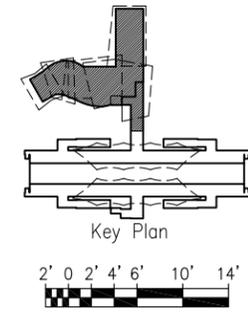
SHEET 2 OF 2

Contract No.: SC-HRT-1300022	
File: SJ3-H03-AR313	
Drawing No: AR313	Rev. B
Scale: 3/32" = 1'-0"	
Page No. 57 of 143	



- NOTES:**
1. For General Notes, Symbols, and Abbreviations See Dwg AG001-AG003.
  2. Finish to be Exposed Aggregate Concrete Topping. Saw-Cut Control Joints at 5'-0" typ.
  3. Align Concrete Topping Control Joints w/ Center of Balustrade Post Module.
  4. Concrete Topping to have Non-Slip Finish.
  5. Stairs to have 3'-0" Granite Strip at Top and Bottom of Stairs as shown.

PLATFORM LEVEL PARTIAL PLAN  
1/8"=1'-0"



Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM DESIGN**

Designed: J Stone  
 Drawn: C Uemura  
 Checked: J Stone  
 Approved: J Stone  
 Date: 08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
 HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant: **AECOM**  
 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813

Subconsultant: **GROUP 70 INTERNATIONAL**  
 925 Bethel Street, Fifth Floor  
 Honolulu, Hawaii 96813-4307

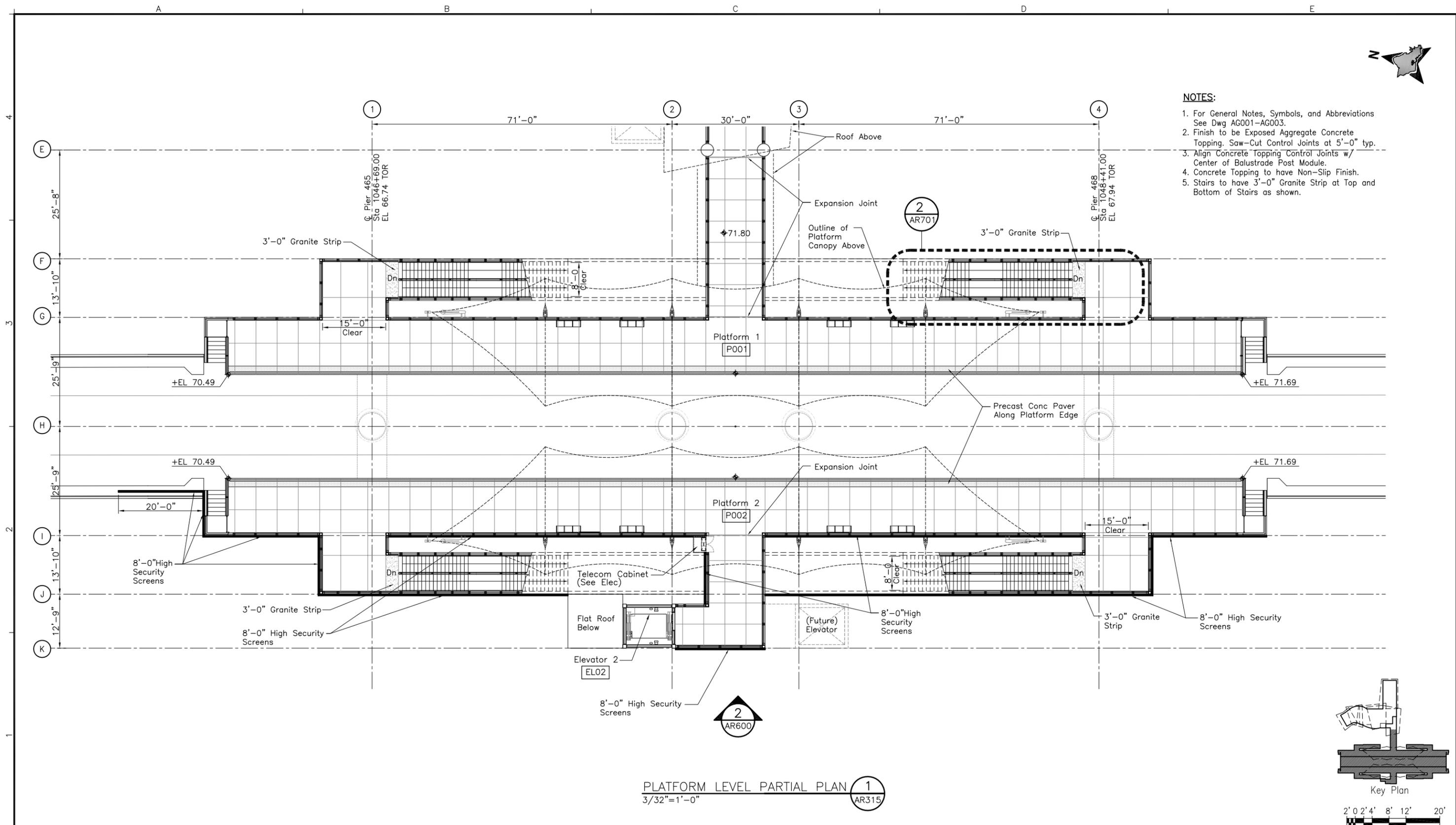
**PEARL HARBOR NAVAL BASE STATION**  
**PLATFORM LEVEL PARTIAL PLAN**

SHEET 1 OF 2

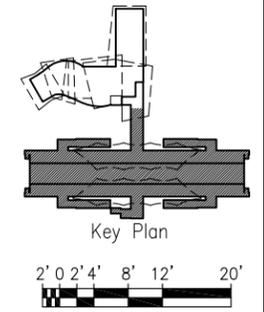
Contract No.: SC-HRT-1300022
File: SJ3-H03-AR314
Drawing No: AR314
Rev: B
Scale: 1/8" = 1'-0"
Page No. 58 of 143



- NOTES:**
1. For General Notes, Symbols, and Abbreviations See Dwg AG001-AG003.
  2. Finish to be Exposed Aggregate Concrete Topping. Saw-Cut Control Joints at 5'-0" typ.
  3. Align Concrete Topping Control Joints w/ Center of Balustrade Post Module.
  4. Concrete Topping to have Non-Slip Finish.
  5. Stairs to have 3'-0" Granite Strip at Top and Bottom of Stairs as shown.



PLATFORM LEVEL PARTIAL PLAN 1  
3/32"=1'-0" AR315



Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM DESIGN**

Designed:	J Stone
Drawn:	C Uemura
Checked:	J Stone
Approved:	J Stone
Date:	08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

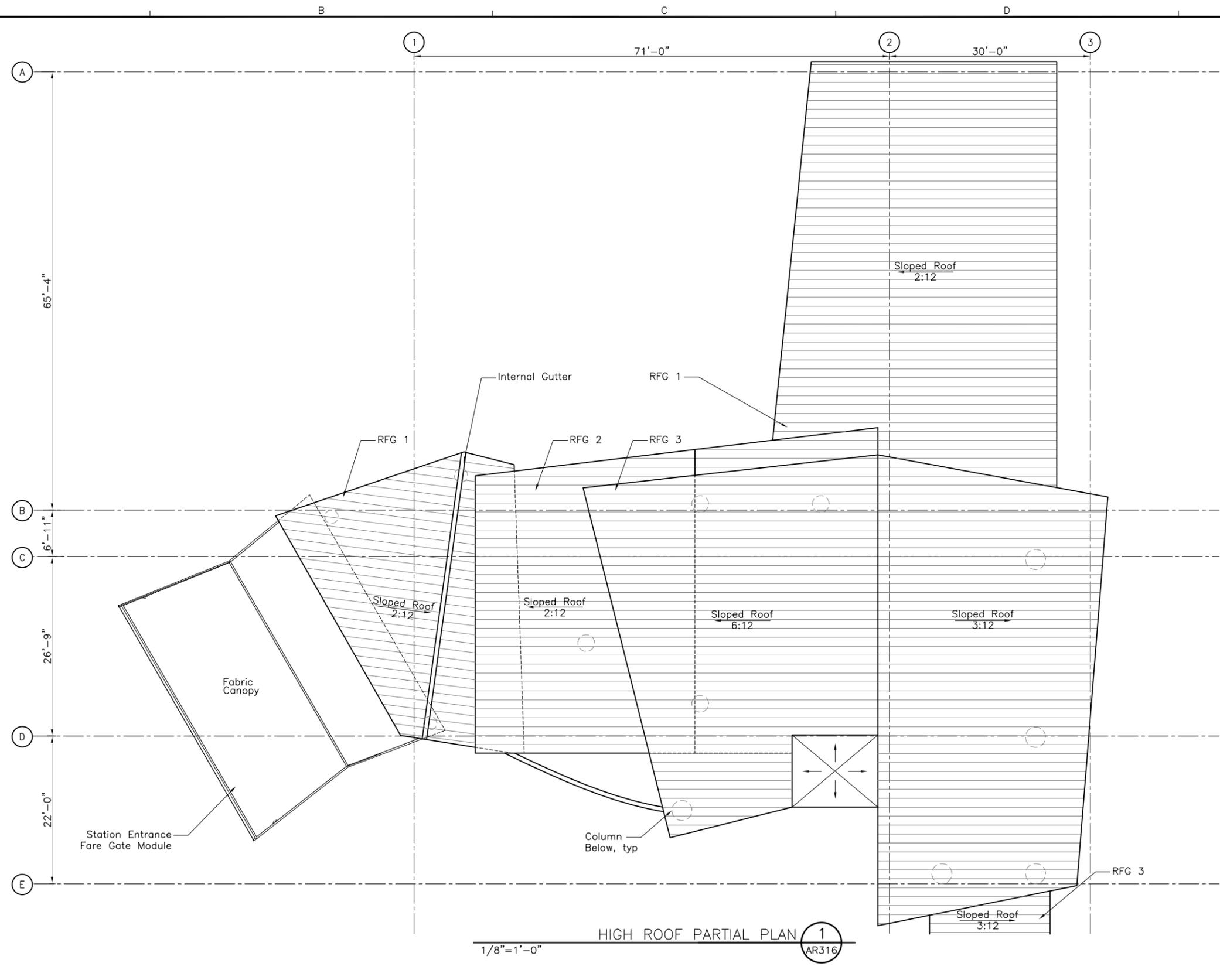
Prime Consultant:	Subconsultant:
 <b>AECOM</b> 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813	 <b>GROUP 70</b> INTERNATIONAL 925 Bethel Street, Fifth Floor Honolulu, Hawaii 96813-4307

For reduced prints, original page size in inches: 0 1 2 3 4

**PEARL HARBOR NAVAL BASE STATION**  
**PLATFORM LEVEL PARTIAL PLAN**

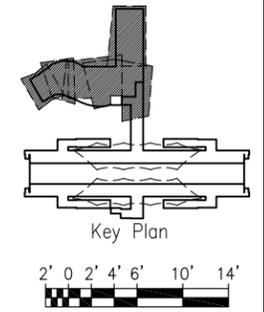
SHEET 2 OF 2

Contract No.:	SC-HRT-1300022
File:	SJ3-H03-AR315
Drawing No.:	AR315
Rev.:	B
Scale:	3/32" = 1'-0"
Page No.:	59 of 143



NOTE:  
 1. For General Notes, Symbols, and Abbreviations See Dwg AG001-AG003.

HIGH ROOF PARTIAL PLAN 1  
 1/8"=1'-0" AR316



Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM DESIGN**

Designed:  
J Stone  
 Drawn:  
C Uemura  
 Checked:  
J Stone  
 Approved:  
J Stone  
 Date:  
08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
 HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant: **AECOM**  
 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813

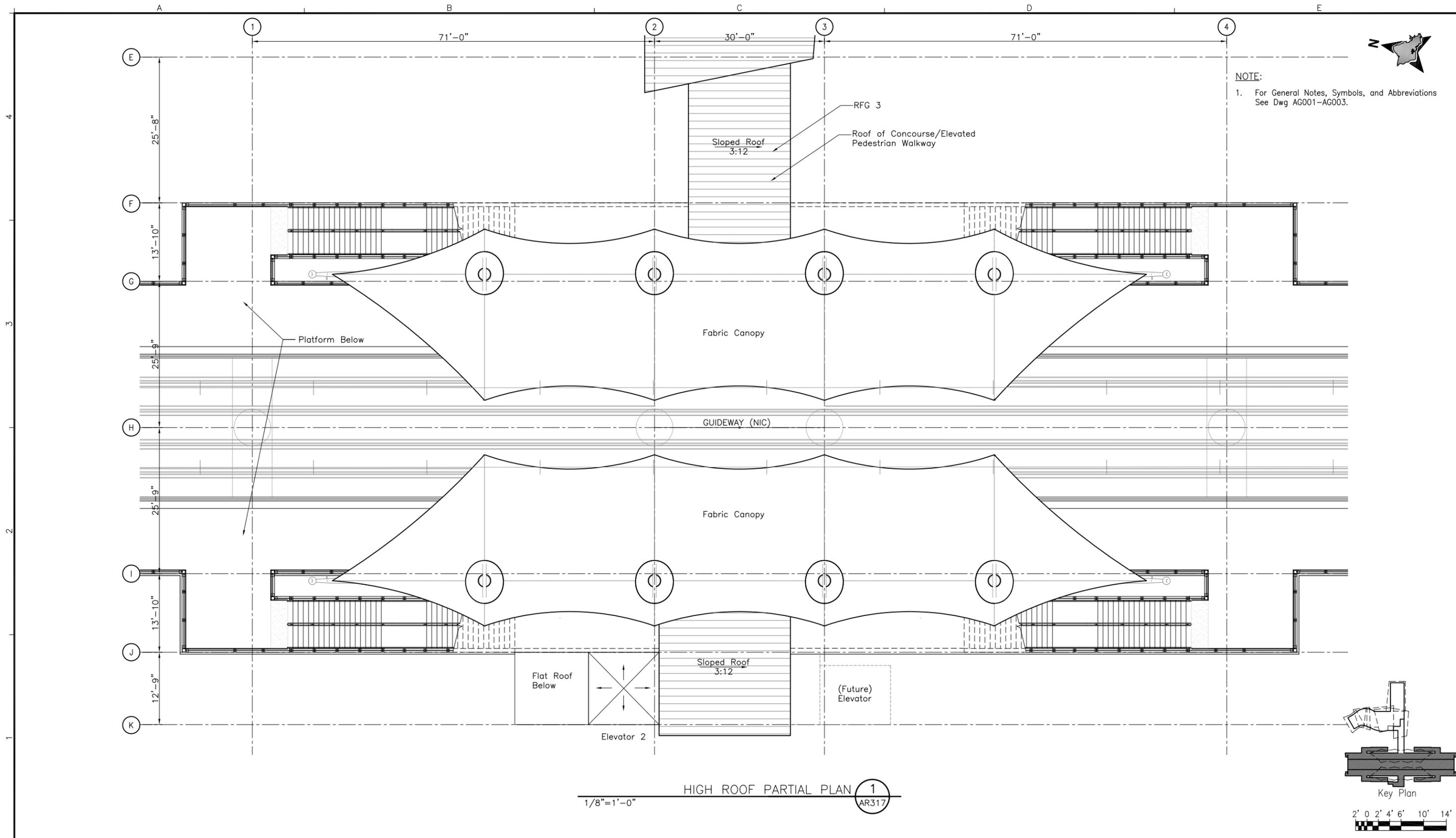
Subconsultant: **GROUP 70 INTERNATIONAL**  
 925 Bethel Street, Fifth Floor  
 Honolulu, Hawaii 96813-4307

For reduced prints, original page size in inches: 0 1 2 3 4

**PEARL HARBOR NAVAL BASE STATION**  
**HIGH ROOF PARTIAL PLAN**

SHEET 1 OF 2

Contract No.:	SC-HRT-1300022
File:	SJ3-H03-AR316
Drawing No.:	AR316
Rev.:	B
Scale:	1/8" = 1'-0"
Page No.:	60 of 143



NOTE:  
 1. For General Notes, Symbols, and Abbreviations See Dwg AG001-AG003.

HIGH ROOF PARTIAL PLAN 1  
 1/8"=1'-0" AR317

Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM DESIGN**

Designed: J Stone  
 Drawn: C Uemura  
 Checked: J Stone  
 Approved: J Stone  
 Date: 08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
 HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant: **AECOM**  
 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813

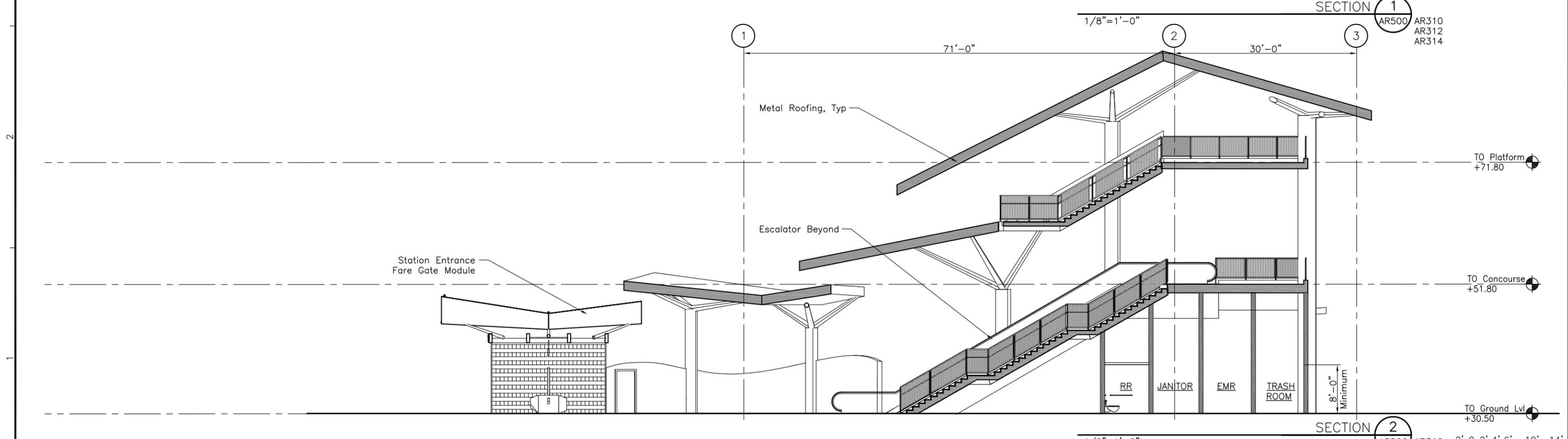
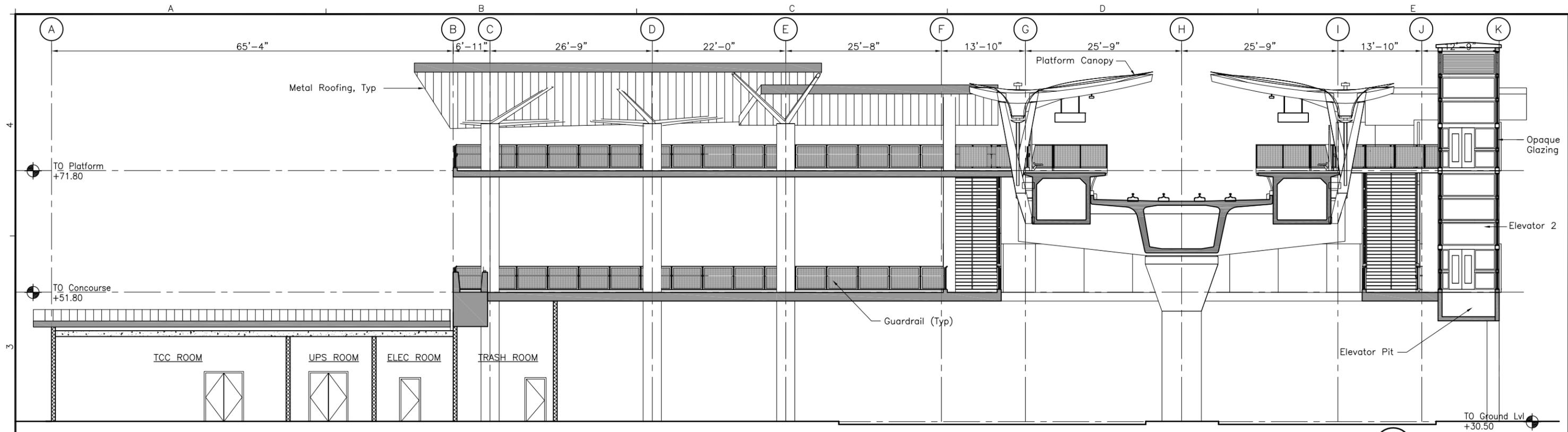
Subconsultant: **GROUP 70 INTERNATIONAL**  
 925 Bethel Street, Fifth Floor  
 Honolulu, Hawaii 96813-4307

For reduced prints, original page size in inches: 0 1 2 3 4

PEARL HARBOR NAVAL BASE STATION  
**HIGH ROOF PARTIAL PLAN**

SHEET 2 OF 2

Contract No.: SC-HRT-1300022
File: SJ3-H03-AR317
Drawing No: AR317 Rev. B
Scale: 1/8" = 1'-0"
Page No. 61 of 143



NOTE: 1. For General Notes, Symbols, and Abbreviations. See Dwg AG001-AG003

Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM  
DESIGN**

Designed: J Stone
Drawn: C Uemura
Checked: J Stone
Approved: J Stone
Date: 08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

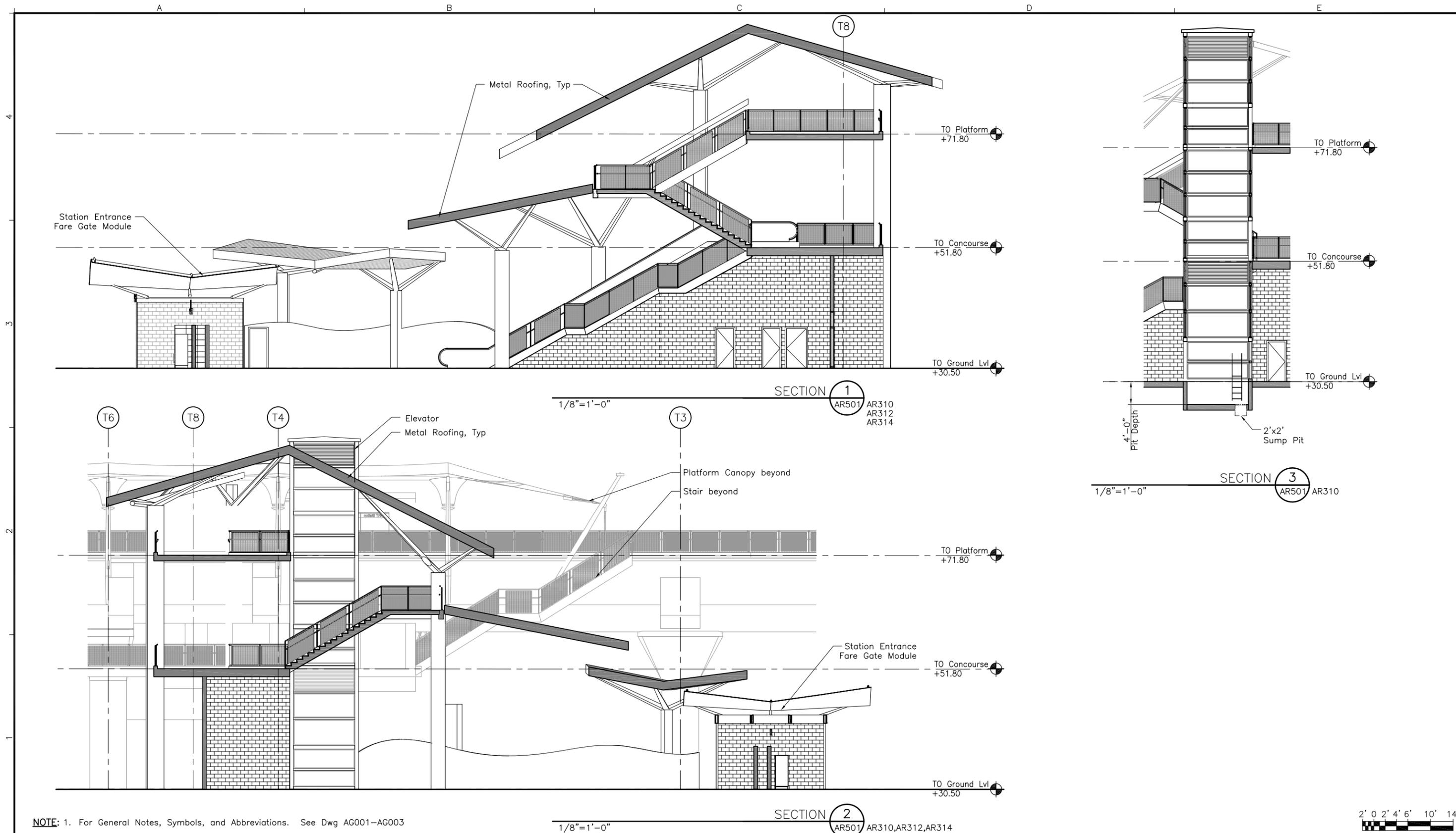
Prime Consultant: <b>AECOM</b> 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813	Subconsultant: <b>GROUP 70</b> INTERNATIONAL 925 Bethel Street, Fifth Floor Honolulu, Hawaii 96813-4307
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For reduced prints, original page size in inches: 0 1 2 3 4

**PEARL HARBOR NAVAL BASE STATION**  
**BUILDING SECTIONS**

SHEET 1 OF 2

Contract No.: SC-HRT-1300022	
File: SJ3-H05-AR500	
Drawing No: AR500	Rev. B
Scale: 1/8"=1'-0"	
Page No. 77 of 143	



NOTE: 1. For General Notes, Symbols, and Abbreviations. See Dwg AG001-AG003



Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM  
DESIGN**

Designed: J Stone
Drawn: C Uemura
Checked: J Stone
Approved: J Stone
Date: 08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant: <b>AECOM</b> 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813	Subconsultant: <b>GROUP 70</b> INTERNATIONAL 925 Bethel Street, Fifth Floor Honolulu, Hawaii 96813-4307
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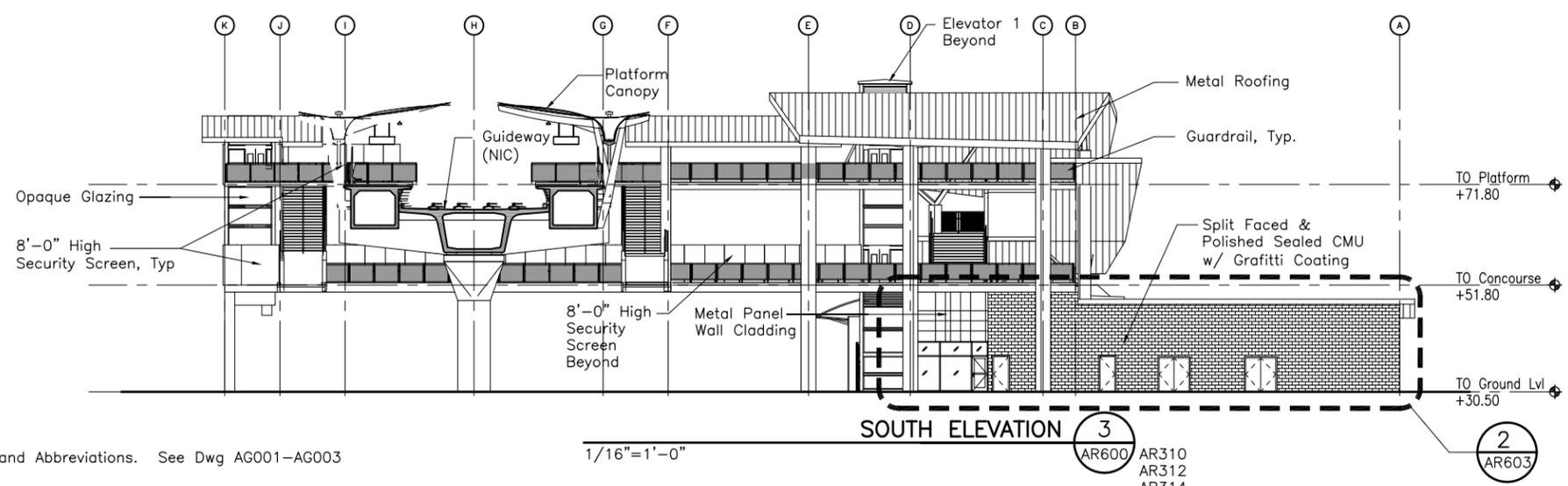
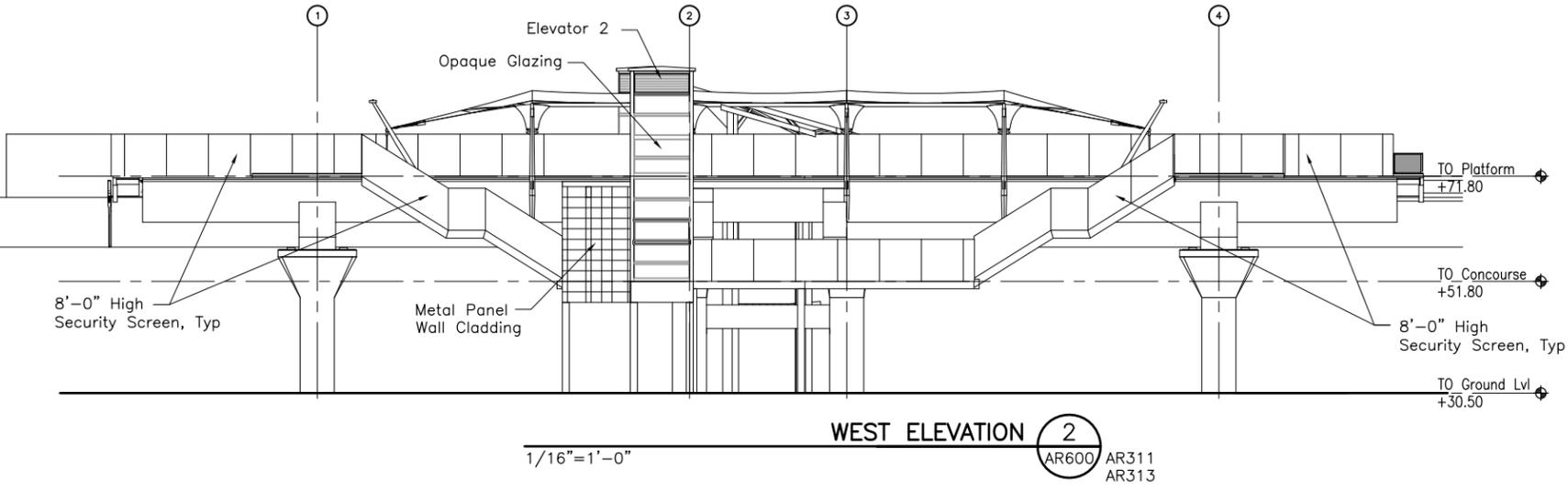
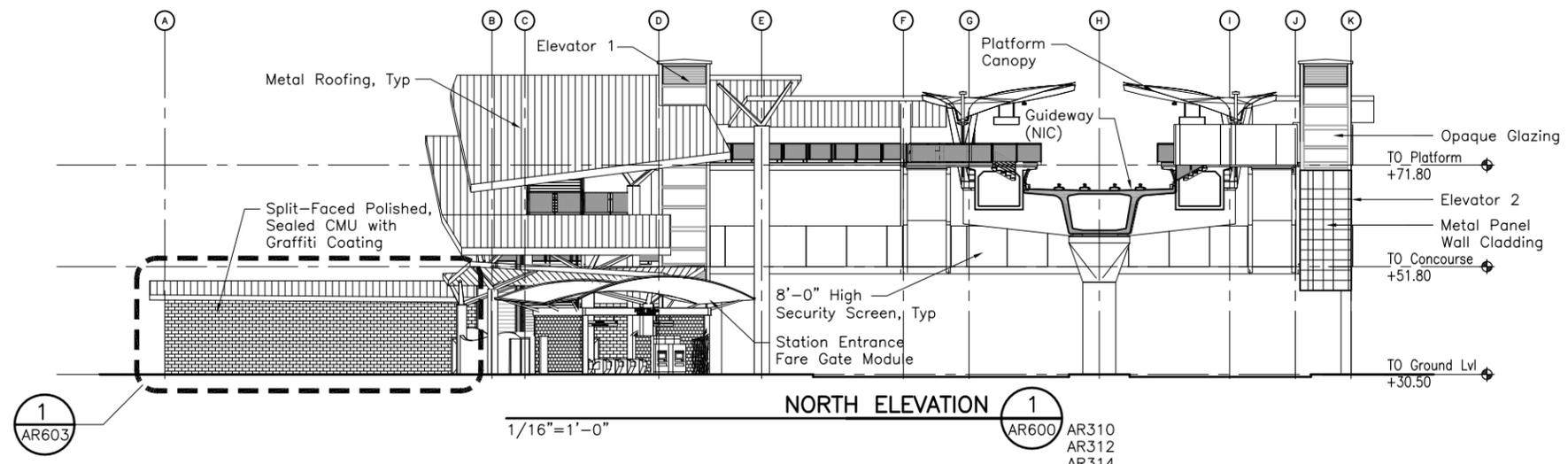
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**PEARL HARBOR NAVAL BASE STATION  
BUILDING SECTIONS**

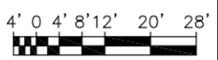
SHEET 2 OF 2

Contract No.: SC-HRT-1300022	
File: SJ3-H05-AR501	
Drawing No: AR501	Rev. B
Scale: 1/8"=1'-0"	
Page No.	78 of 143

A B C D E



NOTE: 1. For General Notes, Symbols, and Abbreviations. See Dwg AG001-AG003



Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM  
DESIGN**

Designed:  
J Stone  
Drawn:  
C Uemura  
Checked:  
J Stone  
Approved:  
J Stone  
Date:  
08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

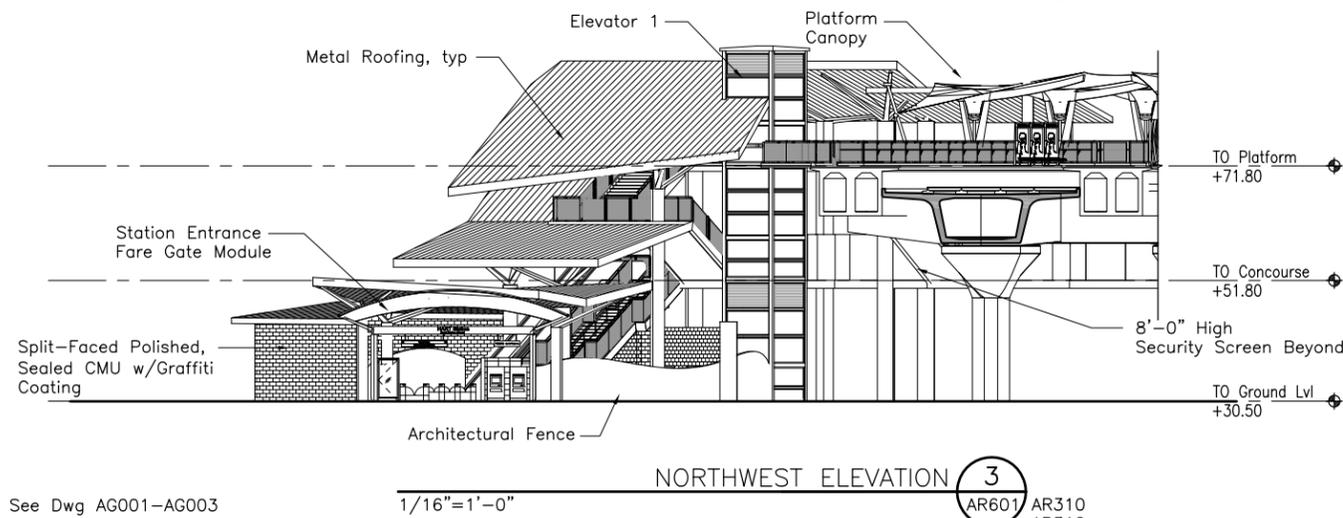
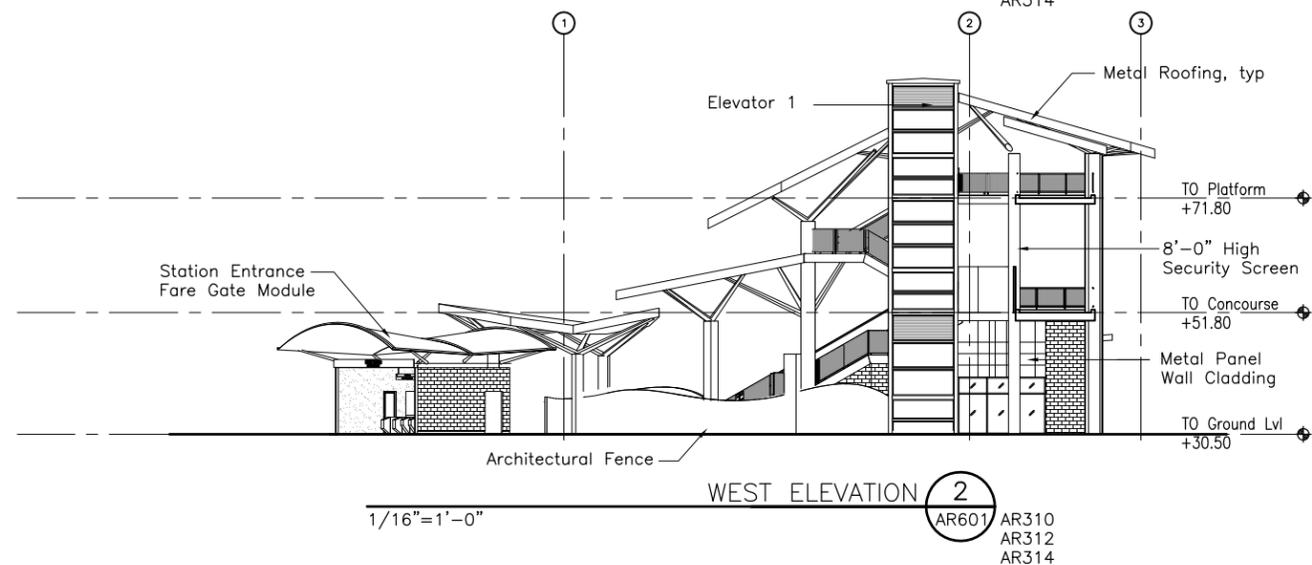
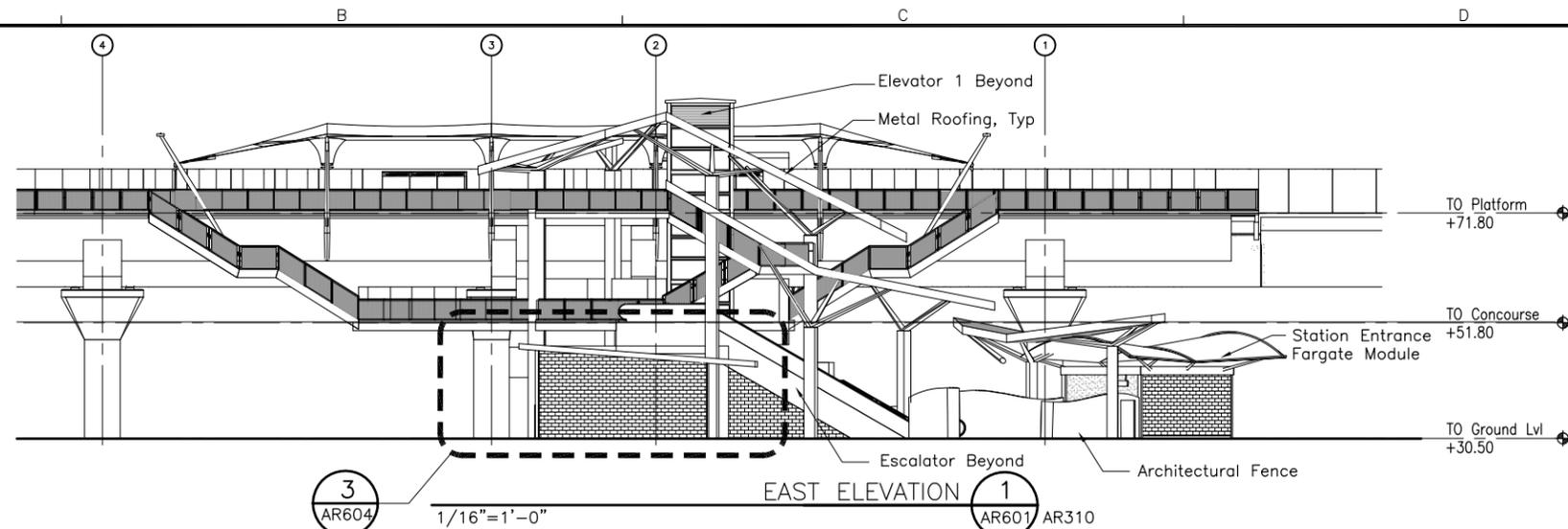
Prime Consultant: **AECOM**  
1001 Bishop Street, Suite 1600 - Honolulu, HI 96813

Subconsultant: **GROUP 70**  
INTERNATIONAL  
925 Bethel Street, Fifth Floor  
Honolulu, Hawaii 96813-4307

**PEARL HARBOR NAVAL BASE STATION  
BUILDING ELEVATIONS**

SHEET 1 OF 2

Contract No.: SC-HRT-1300022	
File: SJ3-H06-AR600	
Drawing No: AR600	Rev. B
Scale: 1/16" = 1'-0"	
Page No. 81 of 143	



NOTE: 1. For General Notes, Symbols, and Abbreviations. See Dwg AG001-AG003

4' 0 4' 8' 12' 20' 28'

Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM  
DESIGN**

Designed: J Stone
Drawn: C Uemura
Checked: J Stone
Approved: J Stone
Date: 08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant:



1001 Bishop Street, Suite 1600 - Honolulu, HI 96813

For reduced prints, original page size in inches:

Subconsultant:

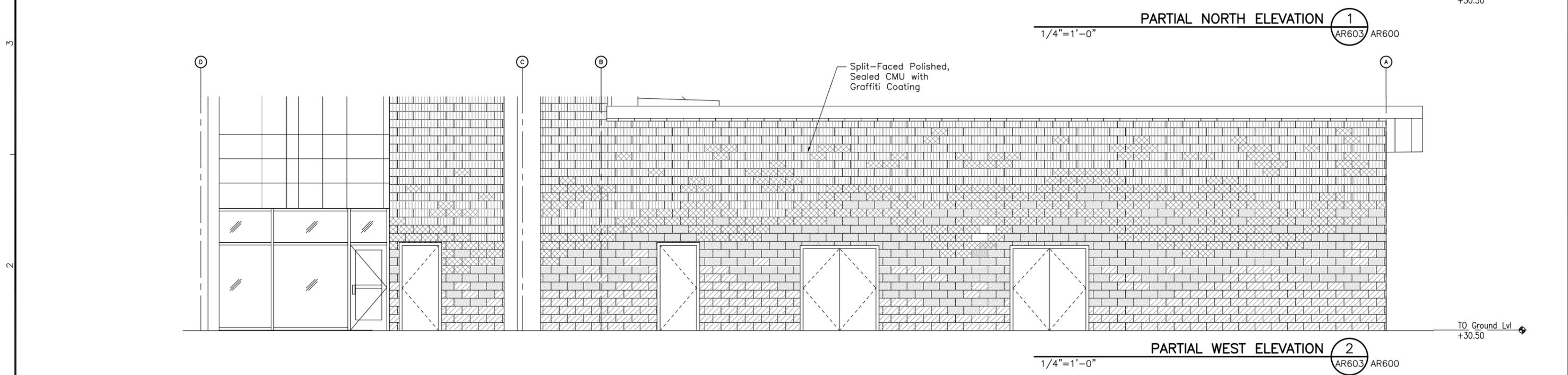
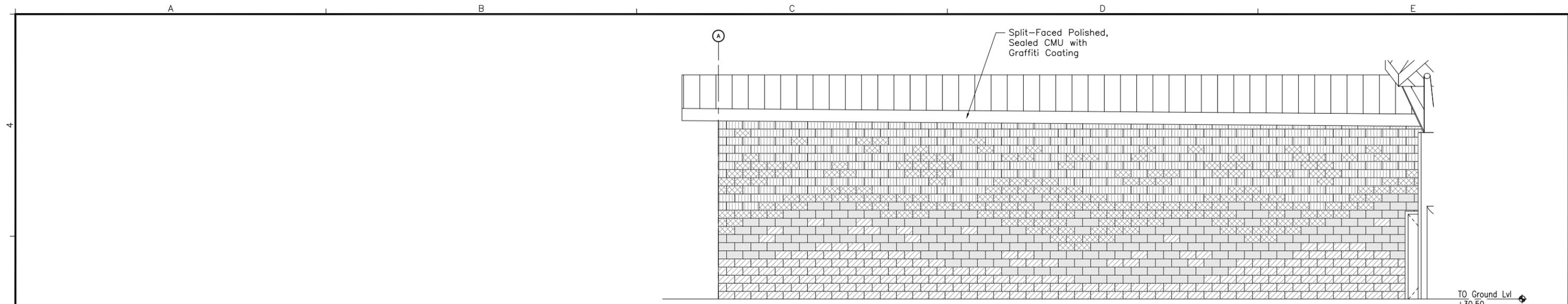


925 Bethel Street, Fifth Floor  
Honolulu, Hawaii 96813-4307

**PEARL HARBOR NAVAL BASE STATION**  
**BUILDING ELEVATIONS**

SHEET 2 OF 2

Contract No.: SC-HRT-1300022	
File: SJ3-H06-AR601	
Drawing No: AR601	Rev. B
Scale: 1/16" = 1'-0"	
Page No. 82 of 143	



**CMU Legend**

-  CMU1 (SPLITFACED/EXPOSED AGGREGATE-COLOR/MIX 1)
-  CMU2 (POLISHED/EXPOSED AGGREGATE-COLOR/MIX 1)
-  CMU3 (SPLITFACED/EXPOSED AGGREGATE-COLOR/MIX 2)
-  CMU4 (POLISHED/EXPOSED AGGREGATE-COLOR/MIX 2)

**NOTE:**  
1. For General Notes, Symbols, and Abbreviations. See Dwg AG001-AG003



Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM  
DESIGN**

Designed: J Stone
Drawn: C Uemura
Checked: J Stone
Approved: J Stone
Date: 08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

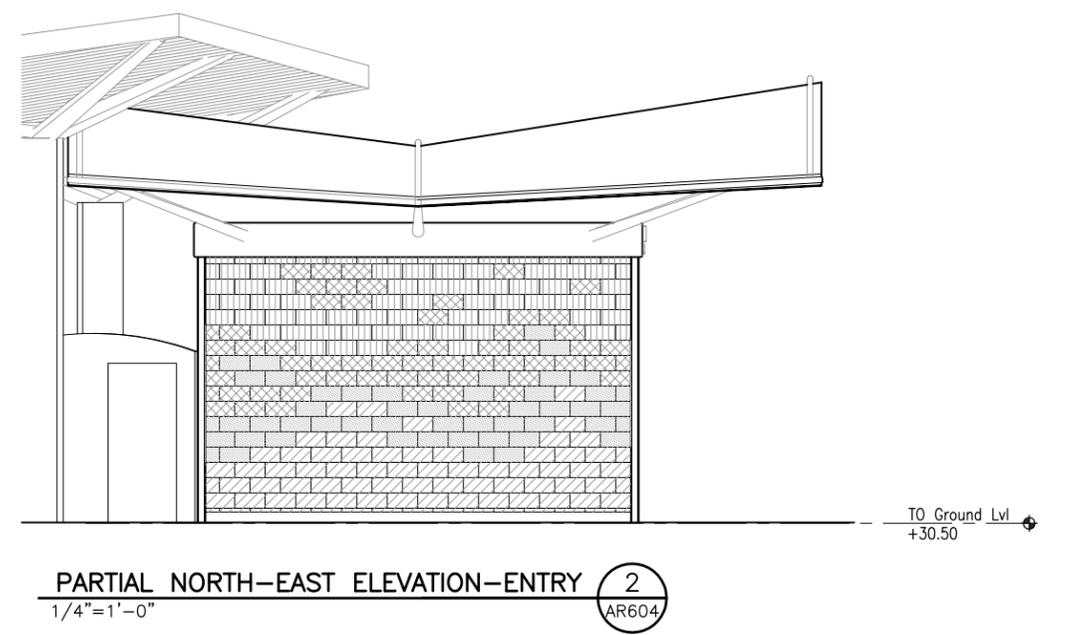
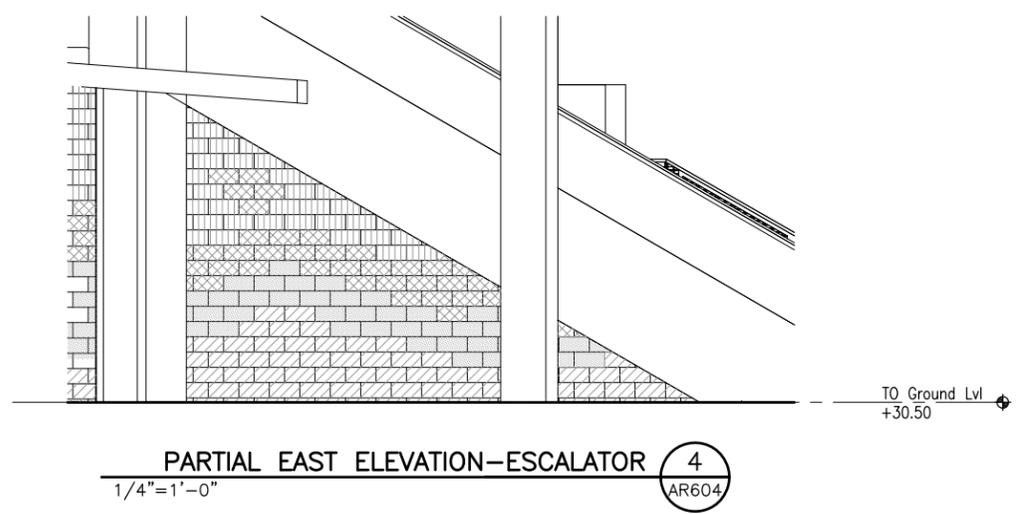
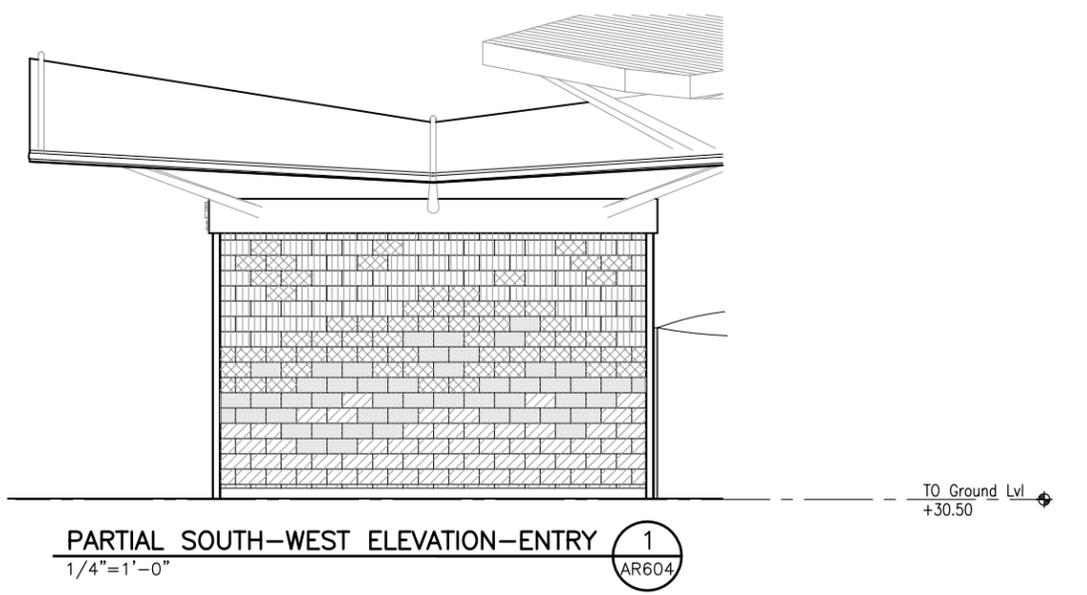
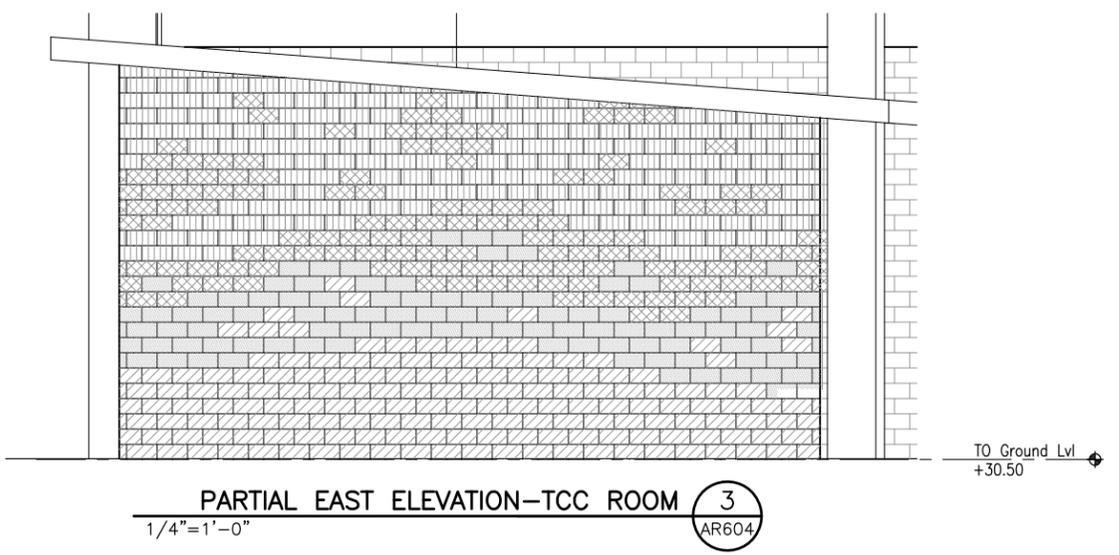
Prime Consultant:  1001 Bishop Street, Suite 1600 - Honolulu, HI 96813	Subconsultant:  925 Bethel Street, Fifth Floor Honolulu, Hawaii 96813-4307
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For reduced prints, original page size in inches: 0 1 2 3 4

**PEARL HARBOR NAVAL BASE STATION**  
**PARTIAL ENLARGED ELEVATIONS**

Sheet 1 OF 3

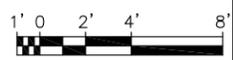
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File: SJ3-H07-AR603	
Drawing No: AR603	Rev. B
Scale: 1/4" = 1'-0"	
Page No. 84 of 143	



**CMU Legend**

-  CMU1 (SPLITFACED/EXPOSED AGGREGATE-COLOR/MIX 1)
-  CMU2 (POLISHED/EXPOSED AGGREGATE-COLOR/MIX 1)
-  CMU3 (SPLITFACED/EXPOSED AGGREGATE-COLOR/MIX 2)
-  CMU4 (POLISHED/EXPOSED AGGREGATE-COLOR/MIX 2)

**NOTE:**  
1. For General Notes, Symbols, and Abbreviations. See Dwg AG001-AG003



Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM  
DESIGN**

Designed:  
J Stone  
Drawn:  
C Uemura  
Checked:  
J Stone  
Approved:  
J Stone  
Date:  
08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

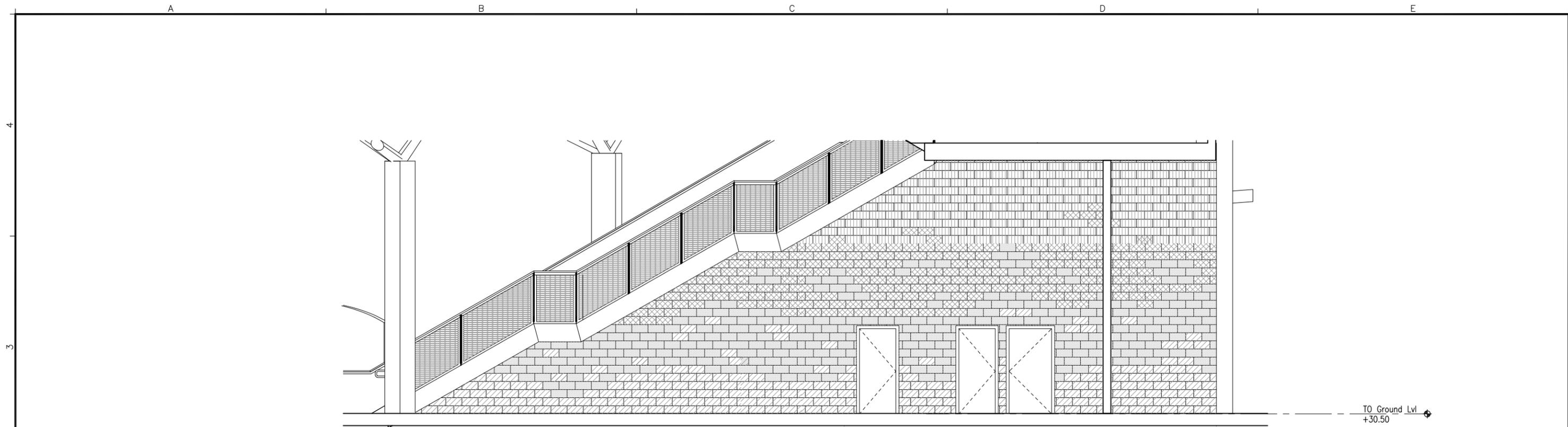
Prime Consultant:  1001 Bishop Street, Suite 1600 - Honolulu, HI 96813	Subconsultant:  INTERNATIONAL 925 Bethel Street, Fifth Floor Honolulu, Hawaii 96813-4307
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For reduced prints, original page size in inches: 0 1 2 3 4

**PEARL HARBOR NAVAL BASE STATION**  
**PARTIAL ENLARGED ELEVATIONS**

Sheet 2 OF 3

Contract No.: SC-HRT-1300022	
File: SJ3-H07-AR604	
Drawing No: AR604	Rev. B
Scale: 1/4" = 1'-0"	
Page No. 85 of 143	



PARTIAL ENLARGED ELEVATION—ENTRY PAID AREA 1  
 1/4"=1'-0" AR605

CMU Legend

- CMU1 (SPLITFACED/EXPOSED AGGREGATE—COLOR/MIX 1)
- CMU2 (POLISHED/EXPOSED AGGREGATE—COLOR/MIX 1)
- CMU3 (SPLITFACED/EXPOSED AGGREGATE—COLOR/MIX 2)
- CMU4 (POLISHED/EXPOSED AGGREGATE—COLOR/MIX 2)

**NOTE:**  
 1. For General Notes, Symbols, and Abbreviations. See Dwg AG001—AG003



Rev	By	Date	Description
B	JS	08-30-13	Interim Design
A	JS	03-29-13	Preliminary Engineering Update

**INTERIM  
 DESIGN**

Designed: J Stone
Drawn: C Uemura
Checked: J Stone
Approved: J Stone
Date: 08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
 HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant: 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813	Subconsultant: 925 Bethel Street, Fifth Floor Honolulu, Hawaii 96813-4307
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For reduced prints, original page size in inches: 0 1 2 3 4

**PEARL HARBOR NAVAL BASE STATION**  
**PARTIAL ENLARGED ELEVATIONS**

Sheet 3 OF 3

Contract No.: SC-HRT-1300022	
File: SJ3-H07-AR605	
Drawing No: AR605	Rev. B
Scale: 1/4" = 1'-0"	
Page No. 86 of 143	

Limits Of Pearl Harbor Station  
Landscape Work



**KEY NOTES:**

- 1 Pavement demarcation. Bronze or brass strip.
- 2 Expansion joint.
- 3 Bicycle racks. (x total, room for xx bicycles)
- 4 X

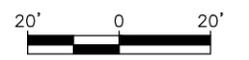
**PAVEMENT TYPE AND FINISHES:**

- (P1) P1 Conc. pavement. xxx finish.
- (P2) P2 Conc. pavement. Integrally colored, xx finish.
- (P3) P3 xxx pavement. xxx finish.

See Enlargement sht. LA401  
for pavement layout.

TMK: 9-9-002: 004

**LANDSCAPE SITE PLAN**  
1  
LA102  
1" = 20'



Rev	By	Date	Description
B	GM	08-30-13	Interim Design
A	GM	03-29-13	Preliminary Engineering Update

**INTERIM  
DESIGN**

Designed:  
M Miyabara  
Drawn:  
G Muroda  
Checked:  
G Kajiwara  
Approved:  
M Miyabara  
Date:  
08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

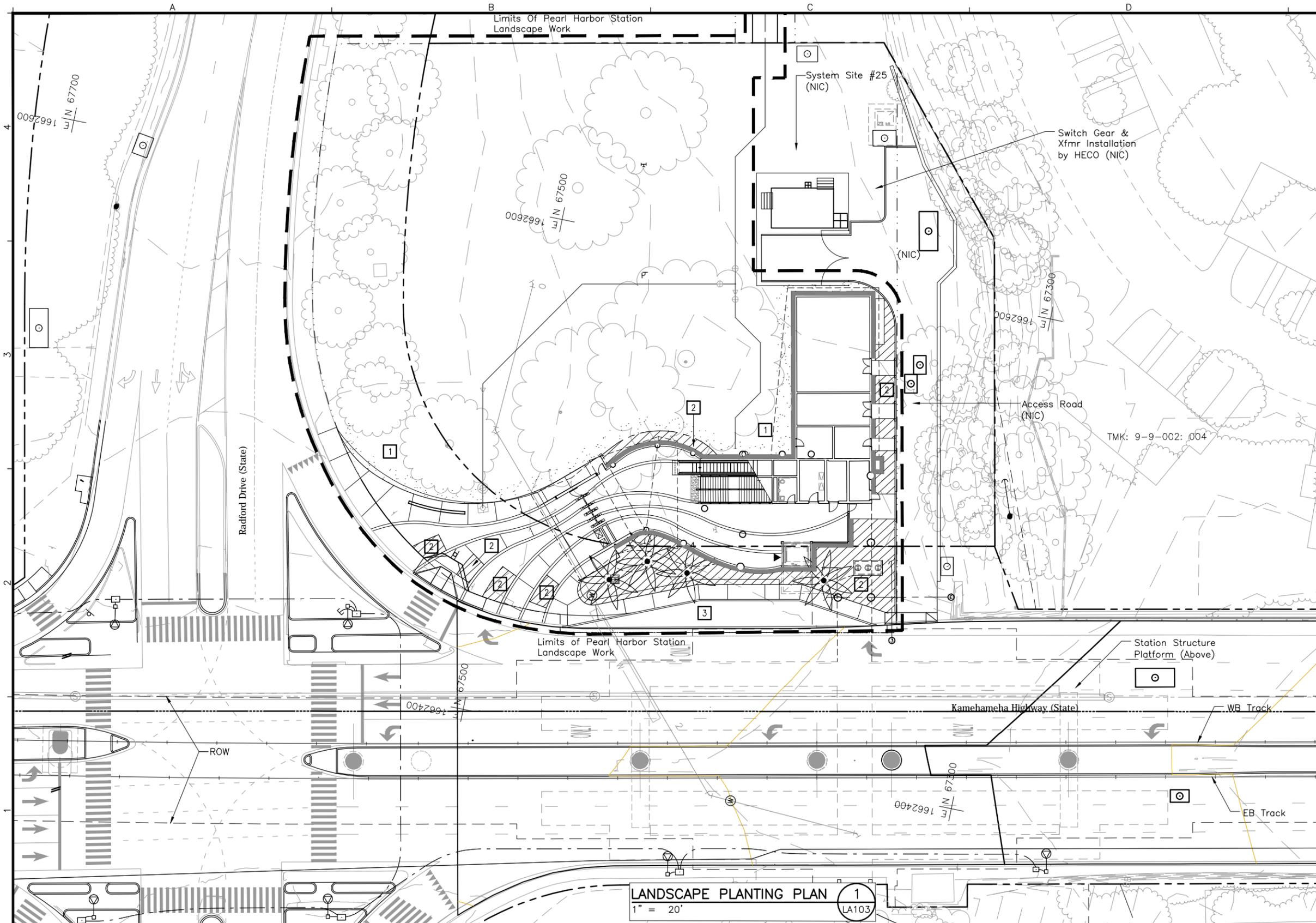
Prime Consultant:  
**AECOM**  
1001 Bishop Street, Suite 1600 - Honolulu, HI 96813

Subconsultant:  
**miyabaraassociates llc**  
Landscape Architects & Planners  
810 Richards Street, Suite 808  
Honolulu, Hawaii 96813

**PEARL HARBOR NAVAL BASE STATION**

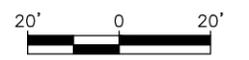
**LANDSCAPE SITE  
PLAN**

Contract No.:  
SC-HRT-1300022  
File:  
SJ3-J02-LA102  
Drawing No: LA102 Rev. B  
Scale:  
1" = 20'  
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- 1 Grass (Seeded of Sprigged)  
Common Bermuda (*Cynodon dactylon*)  
Seashore Paspalum (*Paspalum vaginatum*)
- 2 Ground Level Planting  
(Rooted Cuttings, 4" pots & 3-5 gal.)  
Spider Lily (*Crinum asiaticum*)  
Beach Naupaka (*Scaevola taccada*)  
Nanu (*Gardenia brighamii*)  
Native Hibiscus (*Hibiscus hillebrandii*)  
Beach Morning Glory (*Ipomoea pes-caprae*)  
Creeping Ilima (*Sida fallax*)  
Pohinahina (*Vitex rotundifolia*)  
Akia (*Wikstroemia uva-ursi*)  
Waxleaf Ficus (*Ficus microcarpa* var. *crassifolia*)  
Laue Fern (*Microsorium scolopendria*)  
Uki Uki (*Dianella sandwicensis*)
- 3 Accent Palms (Specimen, 8' minimum Brown Trunk)  
Fiji Fan Palm (*Pritchardia pacifica*)  
Joannis Palm (*Veitchia joannis*)  
Foxtail Palm (*Wodyetia bifurcata*)

LANDSCAPE PLANTING PLAN 1  
1" = 20'  
LA103



Rev	By	Date	Description
B	GM	08-30-13	Interim Design
A	GM	03-29-13	Preliminary Engineering Update

INTERIM  
DESIGN

Designed:  
M Miyabara  
Drawn:  
G Muroda  
Checked:  
G Kajiwaru  
Approved:  
M Miyabara  
Date:  
08-30-13

**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

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**PEARL HARBOR NAVAL BASE STATION**

LANDSCAPE PLANTING  
PLAN

Contract No.: SC-HRT-1300022	
File: SJ3-J04-LA103	
Drawing No: LA103	Rev. B
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**ARCHITECTURAL ABBREVIATIONS**

<p>AB Anchor Bolt Abnd Abandoned Abt About Abv Above Ac Acre(s) AC Alternating Current, Air Conditioning Acc Access Acous Acoustical AD Area Drain ADA Americans with Disabilities Act Addl Additional Adh Adhesive Adj Adjacent, Adjust, Adjustable A/E Architect/Engineer AED Auto External Defibrillator AFC Automatic Fare Collection AFF Above Finished Floor Aggr Aggregate Ahd Ahead Alum Aluminum Alt Alternate, Alternative Anch Anchor Anod Anodized AP Access Panel App Approved Approx Approximate Arch. Architect, Architectural ARV Air Relief Valve ASC Above Suspended Ceiling Asph Asphalt Assm Assembly ASTM American Society for Testing &amp; Materials Auto Automatic Aux Auxiliary Ave Avenue Avg Average</p> <p>B Bal Balance BC Bottom of curb Bd Board Beg Begin, Beginning Bet Between Bitum Bituminous Bldg Building Blk Block, Black Blkg Blocking Blvd Boulevard Blw Below Bk Back BM Benchmark Bm Beam Bol Bollard Bot Bottom BP Back Plaster/Plastered Br Bridge Brz Bronze BS Bottom of Slope, Both Sides Bsmt Basement Btw Between Bvl Beveled</p> <p>C C Centerline C Cable, Celsius Cab Cabinet Cal Caliper Cap Capacity CB Catch Basin CCTV Closed-circuit television, Camera Cem Cement Cer Ceramic CF Cubic Feet CG Corner Guard Cham Chamfer Chk Check CI Cast Iron CIP Cast-in-Place Circ Circle, Circular Circum Circumference CJ Construction Joint, Control Joint CL Chain Link CLL Contract Limit Line Clg Ceiling</p>	<p>Clkg Caulking Clo Closet Clr Clear, Clearance cm Centimeter CMU Concrete Masonry Unit Cnd Conduit Cntr Counter CO Cleanout Col Column Comm Communication Comp Composite, Component, Comparable, Composition Conc Concrete Concr Concourse Cond Condition Conf Confirm, Confirmation, Conference Config Configuration Conn Connect, Connection, Connector Const Construction Cont Continuous, Continue Contd Continued Corr Correction, Corrugated, Corridor Coord Coordinate Cpr Copper CR Card Reader CSC Core Systems Contractor CT Ceramic Tile Ctr Center Ctsk Countersunk Cu Cubic CY Cubic Yard Cyl Cylinder</p> <p>D D.B.G. Depth D.B.G. Distance Between Guides Dbl Double DD Down Drain Deg Degree Dept Department Desc Description Det Detail DF Drinking Fountain DI Drain Inlet Dia Diameter Diag Diagonal, Diagram Diaph Diaphragm Dim Dimension Dir Direction Disp Dispenser Dist Distance Div Division Dn Down DO Door Opening Dr Door DS Downspout DTA Dovetail Anchor DTS Dovetail Anchor Slot Dwg Drawing Dwy Driveway</p> <p>E E East, Electrical (E) Each ea Eastbound EB Elevator/Escalator Contractor EEC Each End EE Each Face EF Expansion Joint EJ Elevation EI Electrical Elec Elevator Elev Emergency Emer Emergency Management Panel EMP Enclosure Encl Equal Eq Equipment Eqmt Escalator Esc Et cetera etc Ethylene Tetrafluoroethylene ETFE Each Way EW Exhaust Exh Existing Exist Expansion Exp Exposed Expo Exterior, External Ext</p>	<p>F FA Fahrenheit, Front FA Fire Alarm FAB Fire Alarm Box FACP Fire Alarm Conduit Panel FAI Fresh Air Intake FB Flat Bar FBO Furnished by Others FC Flexible Connection FCO Floor Cleanout FD Floor Drain Fdn Foundation FE Fire Extinguisher FEC Fire Extinguisher Cabinet FFE Finish Floor Elevation FFL Finish Floor Line FG Finish Grade FH Fire Hydrant, Flat Head FHC Fire Hose Cabinet FHV Fire Hose Valve Fig Figure Fin Finish Fl Floor Flex Flexible Flg Flashing Fluor Fluorescent FOC Face of Concrete FOF Face of Finish FOM Face of Masonry FOS Face of Studs FP Fire Protection Fprf Fireproof FR Fire-rated FS Full Size, Fire Service Ft Foot, Feet Ftg Footing Furr Furring Fut Future Fwy Freeway</p> <p>G Ga Gas gal Gauge Galv Gallon Galv Galvanized Gar Garage GB Gypsum Board Gdwy Guideway Gen General GFRC Glass Fiber Reinforce Concrete Gl Glass GM Gas Meter Gnd Ground Grl Grille Grn Granite GSM Galvanized Sheet Metal Gyp Gypsum GWYC Guideway Contractor</p> <p>H H High, Horizontal HB Hose Bibb HD Heavy-duty Hdcp Handicap-ADA Compliant HDOT Hawaii Department of Transportation HDPE High-Density Polyethylene (membrane) Hdr Header Hdw Hardware Hex Hexagonal HFD Honolulu Fire Department HH Handhole HM Hollow Metal Horiz Horizontal HP High Point, High Pressure HPD Honolulu Police Department HPL High Pressure Laminate HR Handrail Hr Hour Ht Height HVAC Heating, Ventilation &amp; Air Conditioning HWP High Working Point Hwy Highway Hydr Hydraulic</p>	<p>I ID Iron ID Inside Diameter, Identification IE Invert Elevation IF Inside Face in Inch Incl Included, Including, Inclusive Info Information Inst Install, Instrument Insul Insulation Int Interior, Internal Inv Invert</p> <p>Jan Janitor JB Junction Box JC Janitor's Closet Jct Junction JF Joint Filler Jt(s) Joint(s)</p> <p>kg Kilogram KP Knockout Panel KO Knock Out</p> <p>L LA Length Lam Landscape Architect Lam Laminate Lat Latitude, Lateral Lav Lavatory LB Pound (unit of measurement) LC Landscape Contractor LF Linear Foot Lg Long LH Left Hand Lin Linear Lkr Locker Ln Lane Loc Location Long Longitude, Longitudinal LP Low Point, Light Pole Lt Light, Left Ltg Lighting Lvl Level LW Lightweight LWP Lower Working Point L/T Left Track</p> <p>m Meter (unit of measure) Matl Material Max Maximum MB Mailbox Mech Mechanical Med Medium Mem Membrane Met Metal Mezz Mezzanine Mfr Manufacturer MH Manhole Min Minimum Mir Mirror Misc Miscellaneous mm Millimeter MO Masonry Opening Mod Modified Mtd Mounted Mtg Meeting, Mounting Mul Mullion</p>	<p>N N/A North NB Not Applicable NE Northbound NE Northeast NIC Not in Contract No. (Nos.) Number (Numbers) Nom Nominal NR Non-rated NS Near Side NTS Not to Scale NW Northwest</p> <p>OA Overall Obs Obscure OC On Center OCS Overhead Contact System OD Outside Diameter OF Outside Face OH Overhead Op Opaque Opng Opening Opp Opposite OSA Outside Supply Air oz Ounce O to O Out to Out</p> <p>PA Public Address PNL Panel Par Parallel Part Partial PB Pullbox PBX Private Branch Exchange PC Precast Concrete Ped Pedestrian, Pedestal Perf Perforated Perm Permanent PG Profile Grade Pg Page PGL Profile Grade Line Ph Phase Pl Property Line Pl Plate Plas Plaster Platf Platform P Lam Plastic Laminate PLD Plastic Duct PLT Plastic Tile Plum Plumbing Plywd Plywood Pol Police PPC Polyester Powder Coating Pr Pair Proj Project, Projection Prop Property PS Point of Switch PSF Pounds Per Square Feet PSGS Platform Screen Gate System PSI Pounds Per Square Inch Pt(s) Point(s) Ptd Painted PTD/R Paper Towel Dispenser &amp; Receptacle PVC Polyvinyl Chloride Pvmt Pavement Pwr Power</p> <p>QT Quarry Tile qt Quart Qty Quantity Quad Quadrant</p>
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<p><b>INTERIM DESIGN</b></p>		<p>Designed: T Frankel Drawn: V Moccia Checked: V Haritunians Approved: J Zimmerman Date: 08-30-13</p>	<p align="center"><b>HONOLULU RAIL TRANSIT PROJECT</b> HONOLULU AUTHORITY FOR RAPID TRANSPORTATION</p> <p>Prime Consultant: <b>AECOM</b> 1001 Bishop Street, Suite 1600 - Honolulu, HI 96813</p> <p>Subconsultant:</p>	<p align="center"><b>AIRPORT STATION GROUP COMMON DRAWINGS</b></p> <p align="center"><b>GENERAL ARCHITECTURAL NOTES, SYMBOLS, AND ABBREVIATIONS</b></p> <p align="center">SHEET 2 OF 3</p>	<p>Contract No.: SC-HRT-1300022 File: ASG-H01-AG003 Drawing No: AG003 Rev. A Scale: NTS Page No. 25 of 105</p>
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