

September 27, 2013

Aloha Consulting Parties for the Honolulu Rail Transit Project,

As the Kamehameha Highway Station Group, Aloha Stadium 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 Aloha Stadium Station are provided to consulting parties for a 30-day review. This review period begins Monday, September 30, 2013 and will extend through close of business Wednesday October 30, 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 October 30.

**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.**

*This fulfills Programmatic Agreement Stipulation IV. C for Aloha Stadium 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.*

The following pages are provided for our review:

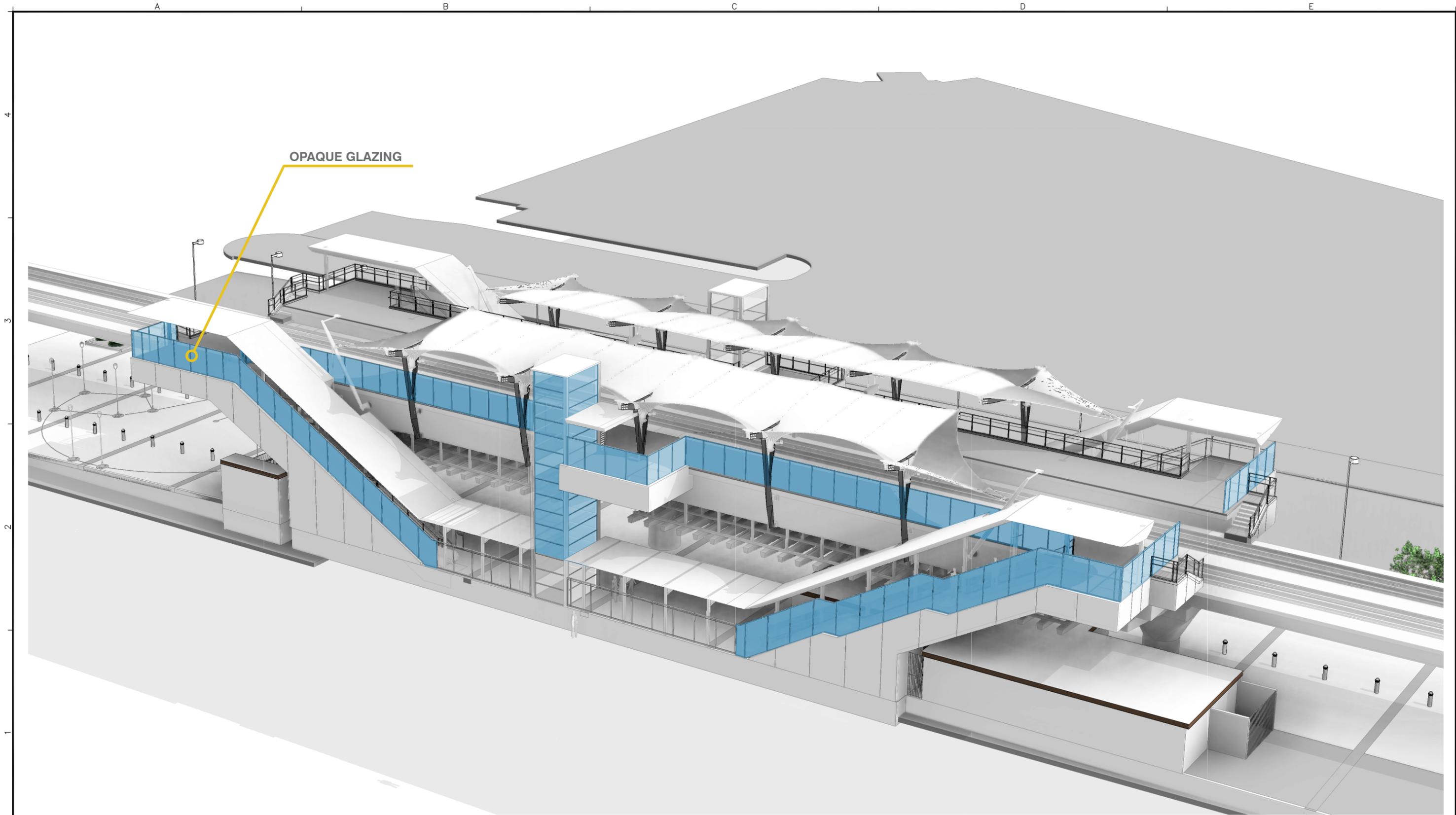
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30. Overall Hardscape Plan
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32. Layout Plan - 1 Station Area











**WEST ELEVATION**

Rev	By	Date	Description
		9/20/13	Security Screen Study Submittal

Designed:
Drawn:
Checked:
Approved:
Date:

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

Prime Consultant: <b>Anil Verma Associates, Inc.</b> 841 Bishop Street, Suite 1888, Honolulu, HI 96813 Phone: (808) 369-8108 www.anilverma.com	Subconsultant: <b>kya design group</b> <i>fostering relationships that enhance creative solutions</i> <small>104 Punchbowl Street, Honolulu, Hawaii 96813 Telephone (808) 944-7775 • Fax (808) 944-0234</small>
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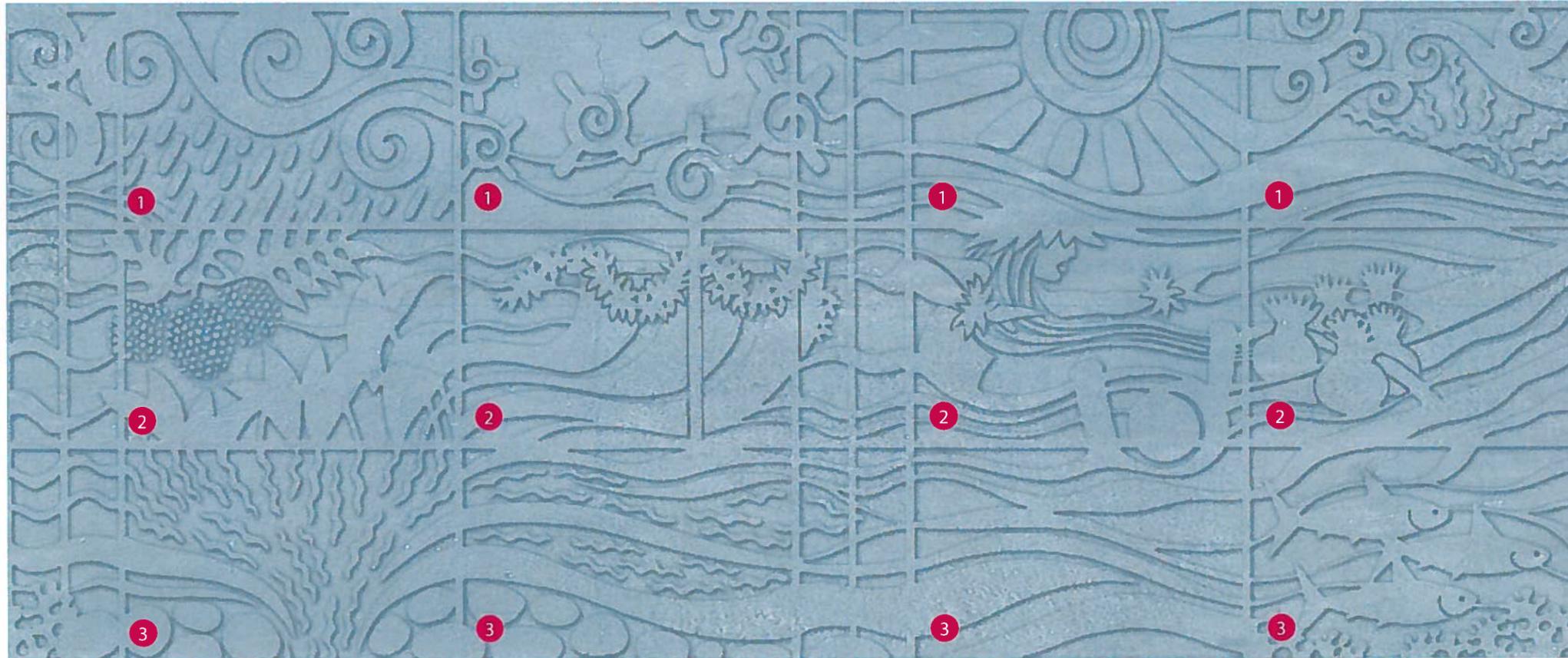
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**ALOHA STADIUM STATION**  
**3D VIEWS**

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TYPICAL STATION COLUMN TREATMENT:

**ALOHA STADIUM - 7' COLUMN DESIGN**



**1. LONO**

- God of fertility and rain, identified with the southern storms

**2. HARVESTS**

- Makahiki was a time to gather & redistribute the gifts of the land. It was a 4-month festival when all farming, fishing and war was stopped to honor Lono and celebrate the year's harvests.

**3. IRRIGATION**

- Diverting the rains to the crops

**1. MAKALI'I**

- The appearance of the Pleiades constellation in October/November marks the beginning of the Mahahiki season

**2. AKUA LONO**

- Staff topped by a small carved figure & crossbar supporting a white sheet of kapa represents the image of Lono - signals the beginning of the Makahiki festival

**3. SATURATED SOIL**

- Soil softened by the rains in time for the new planting season

**1. LĀ**

- Sun, necessity for life

**2. PA'ANI**

- Sports & games that were a part of the Makahiki festival, including hula, 'ulu maika (bowling)

**3. SOIL**

- Land rest in preparation of the new planting season

**1. KAHOALI'I**

- Honored at the end of the Makahiki, Kahoali'i was a mythical hero associated with the underworld where the sun goes to dusk.

**2. HO'OKUPU**

- Offerings are set adrift, lashed to a canoe marking the end of the Makahiki.

**3. KAPU ENDS**

- At the end of the Makahiki, the Chief lifted the kapu on fishing, farming & war.

TREES



Rainbow Shower



Hapu'u



Singapore Plumeria



Monkeypod Tree

SHRUBS



Na'u



Ma'o Hau Hele



Hula Girl Hibiscus



Naupaka



GROUND COVERS



Dwarf Laua'e



'Ilie'e



Pohinahina

A	RK	04-22-13	NTP 1B - Revision to PE Submission
Rev	By	Date	Description

Designed:	MS
Drawn:	MW
Checked:	RH
Approved:	SD
Date:	04-19-13

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

Prime Consultant: **Anil Verma Associates, Inc.**  
1970 Broadway, Suite 668, Oakland, CA 94612  
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Subconsultant: Land Planning, Landscape Architecture, Environmental Studies, Graphic Design  
1021 Bishop Street, Suite 600 Honolulu HI, 96813 www.pbrhawaii.com PIV 521-5531

**PBR HAWAII & ASSOCIATES, INC.**

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ALOHA STADIUM STATION  
PLANT PHOTO BOARD

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HONOLULU AUTHORITY for RAPID TRANSPORTATION

# **ALOHA STADIUM STATION**

**KAMEHAMEHA HIGHWAY STATION GROUP**

**CONTRACT NO. SC-HRT-1200111**

## **INTERIM DESIGN DRAWINGS**

**August 12, 2013**

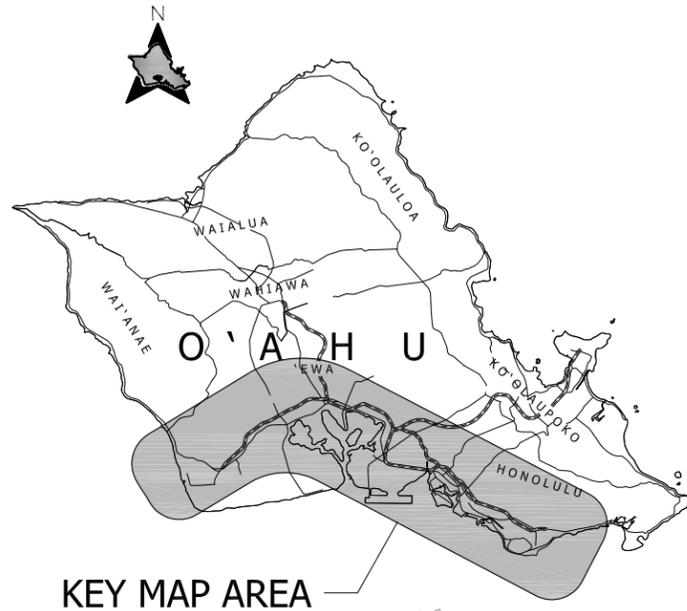
Prepared for:  
**HRT**

Prepared by:  
***ANIL VERMA ASSOCIATES, KYA DESIGN GROUP, SSFM, MEH, ELECTECH HAWAII, AND PBR HAWAII***

# HONOLULU RAIL TRANSIT PROJECT

## ALOHA STADIUM STATION

### INTERIM DESIGN DRAWINGS

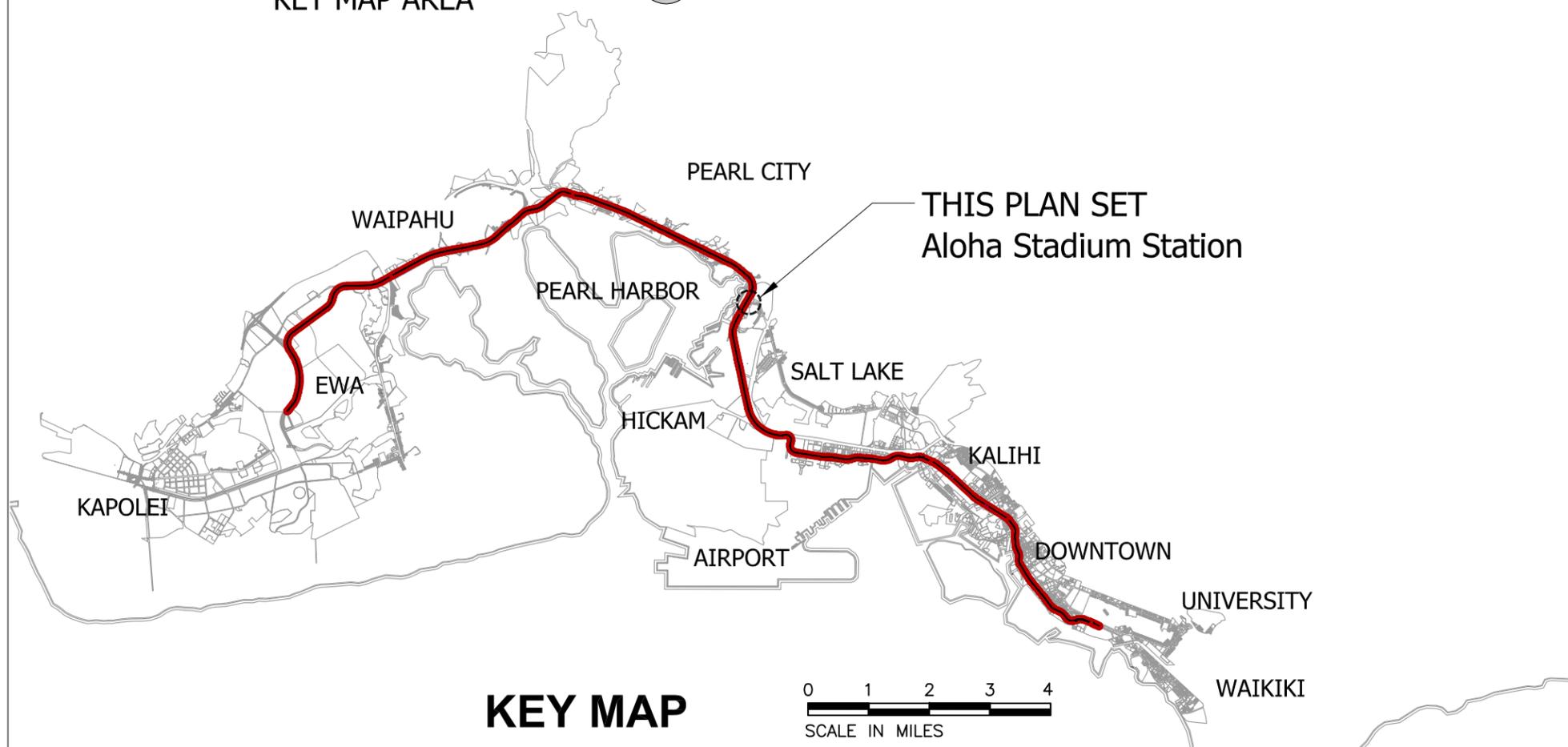


#### APPROVALS

\_\_\_\_\_  
 Lorenzo C. Garrido  
 Director of Engineering and Construction  
 Honolulu Authority for Rapid Transportation

\_\_\_\_\_  
 Date

**CONTRACT SC-HRT-1200111**  
**INTERIM DESIGN**



  
**Anil Verma Associates, Inc.**

**kya design group**

# ALOHA STADIUM STATION - INDEX OF DRAWINGS

## INTERIM DESIGN DRAWINGS

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6	GN010		STANDARD DETAILS SUMMARY CITY AND COUNTY OF HONOLULU - SHEET 2 OF 2
7	GN011		STANDARD PLAN SUMMARY STATE OF HAWAII (HDOT) - SHEET 1 OF 2
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20	UP001		UTILITIES PLAN - WATER, SEWER, & DRAINAGE
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Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed:	D Uchida
Drawn:	R Shidaki
Checked:	M Walter
Approved:	R Kato
Date:	08-12-13

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

Prime Consultant: **Anil Verma Associates, Inc.**  
841 Bishop Street, Suite 1888, Honolulu, HI 96813  
Phone: (808) 369-8108 www.anilverma.com

Subconsultant: **kya design group**  
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ALOHA STADIUM STATION  
INDEX OF DRAWINGS

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Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed:	D Uchida
Drawn:	R Shidaki
Checked:	M Walter
Approved:	R Kato
Date:	08-12-13

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Prime Consultant:  Anil Verma Associates, Inc. 841 Bishop Street, Suite 1888, Honolulu, HI 96813 Phone: (808) 369-8108 www.anilverma.com	Subconsultant:  kya design group fostering relationships that enhance creative solutions <small>55 Puuhala Street, Suite 1018, Honolulu, HI 96813                      Phone: (808) 945-7775 • Fax: (808) 945-2334</small>
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ALOHA STADIUM STATION  
INDEX OF DRAWINGS

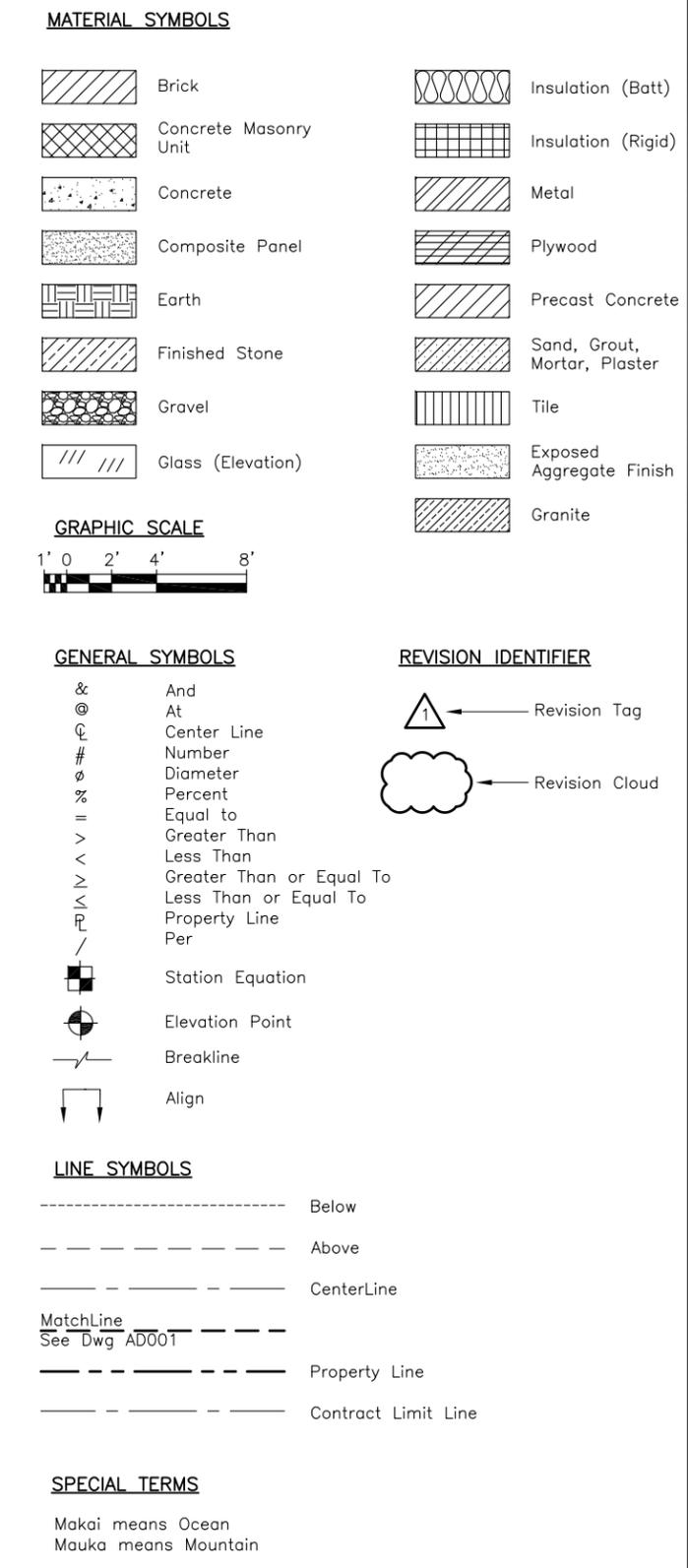
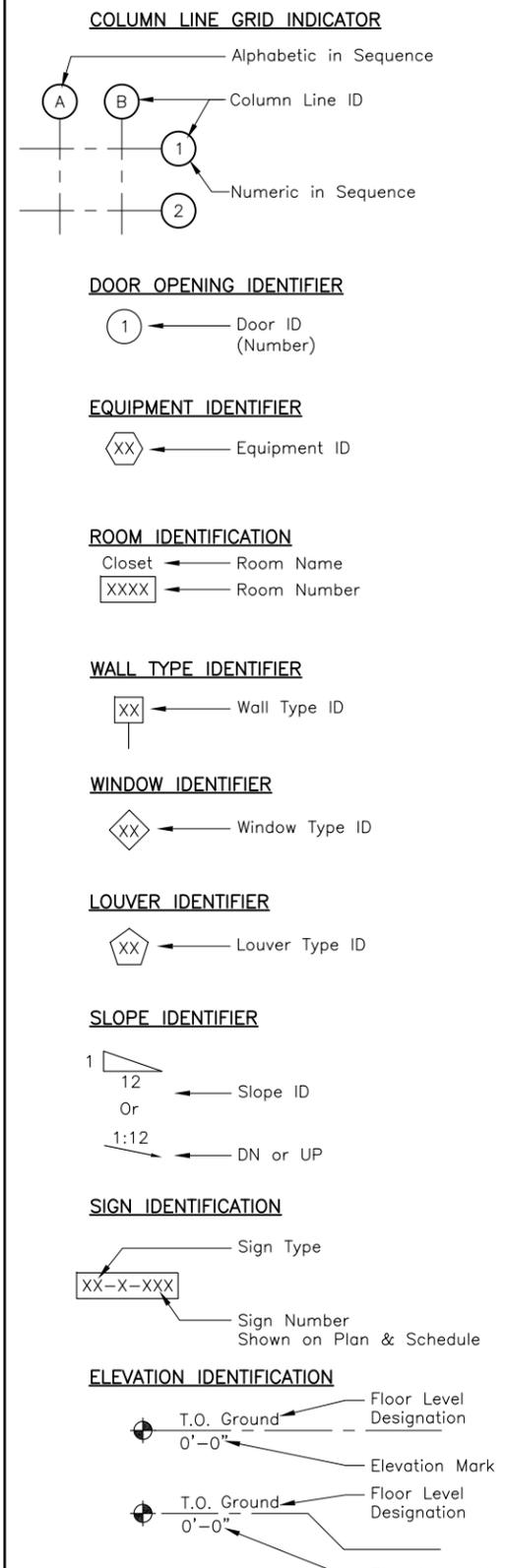
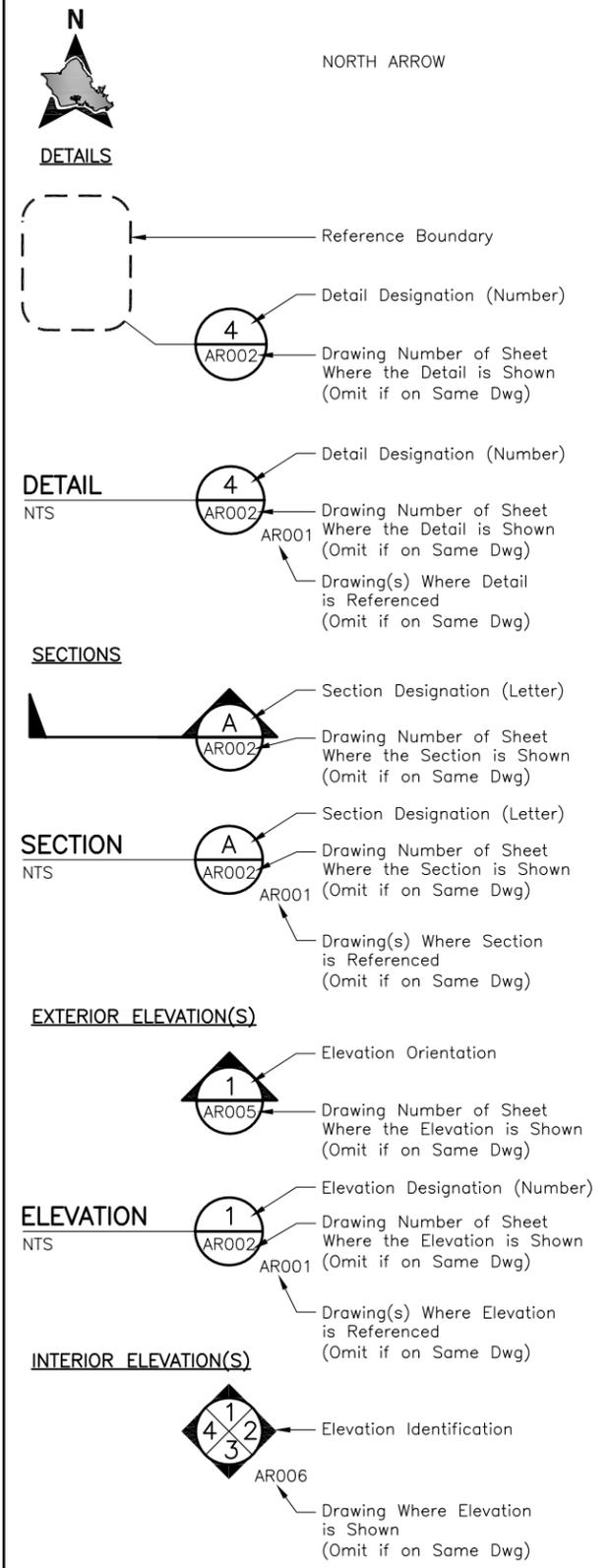
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**GENERAL ARCHITECTURAL NOTES**

- All Work Shall Be of High Quality Performed In A Neat Workmanlike Manner Executed In Accordance w/The Best Accepted Trades, Practices and As Per Manufacturer's Recommendations.
- Do Not Scale Drawings. Follow Written Dimensions Only.
- Dimensions Shown Are Normally Given to:
  - Column Center Lines
  - Faces of Concrete & Surfaces, Gypsum Bd & CMU Walls
  - External Face of Building.
- For Additional General Notes, Refer to Each of The Discipline Cover Sheet
- All Materials & Work Required Are Intended To Be New Unless Otherwise Noted.
- All Dissimilar Materials In Contact With Each Other Shall Be Isolated In An Approved Manner Per Manufacturer's Recommendations. Where Dissimilar Metals Contact Each Other, or Other Corrosive Substrates, Protect Against Galvanic Action or Corrosion By Painting Contact Surfaces With Bituminous Coating or By Other Permanent Separation Like Neoprene Gaskets As Recommended By The Sheet Metal Manufacturer or Cited Sheet Metal Standard.
- Guideway elements such as utilities, columns, safety barrier that may be shown in these drawings, must be coordinated with the guideway contractor.

**ARCHITECTURAL SYMBOLS**



Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed: D Uchida  
 Drawn: R Shidaki  
 Checked: M Walter  
 Approved: R Kato  
 Date: 08-12-13

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

Prime Consultant: **Anil Verma Associates, Inc.**  
 841 Bishop Street, Suite 1888, Honolulu, HI 96813  
 Phone: (808) 369-8108 www.anilverma.com

Subconsultant: **kya design group**  
 fostering relationships that enhance creative solutions

**ALOHA STADIUM STATION**

**GENERAL ARCHITECTURAL NOTES  
 SYMBOLS, AND ABBREVIATIONS**

**SHEET 1 OF 3**

Contract No.: SC-HRT-1200111	
CADD File: SJ1-H01-AG001	
Drawing No: AG001	Rev. B
Scale: N/A	
Page No. of	

**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 Baseline 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 Bsmnt 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 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 ea East, Electrical Each EB Eastbound EEC Elevator/Escalator Contractor EE Each End EF Each Face EJ Expansion Joint El Elevation Elec Electrical Elev Elevator Emer Emergency EMP Emergency Management Panel Encl Enclosure Eq Equal Eqmt Equipment Esc Escalator Et cetera ETFE Ethylene Tetrafluoroethylene EW Each Way Exh Exhaust Exist Existing Exp Expansion Expo Exposed Ext Exterior, External</p>	<p>F FA Fahrenheit, Front 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 Gauge gal 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 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 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 Length LA 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 North N/A Not Applicable NB 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>Designed: D Uchida Drawn: R Shidaki Checked: M Walter Approved: R Kato Date: 08-12-13</p>				<p align="center"><b>HONOLULU RAIL TRANSIT PROJECT</b> HONOLULU AUTHORITY FOR RAPID TRANSPORTATION</p> <p>Prime Consultant:  <b>Anil Verma Associates, Inc.</b> 841 Bishop Street, Suite 1888, Honolulu, HI 96813 Phone: (808) 369-8108 www.anilverma.com</p> <p>Subconsultant: <b>kya design group</b> fostering relationships that enhance creative solutions</p>				<p align="center"><b>ALOHA STADIUM STATION</b></p> <p align="center"><b>GENERAL ARCHITECTURAL NOTES</b> <b>SYMBOLS, AND ABBREVIATIONS</b></p> <p align="center"><b>SHEET 2 OF 3</b></p>				<p>Contract No.: SC-HRT-1200111 CADD File: SJ1-H01-AG002 Drawing No: AG002 Rev. B Scale: N/A Page No. of</p>	
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ARCHITECTURAL ABBREVIATIONS (CONTINUED)

R Radius  
 RB Resilient Base  
 RC Reinforced Concrete  
 RCP Reinforced Concrete Pipe  
 RD Roof Drain  
 Rdwy Roadway  
 Rect Rectangle  
 Ref Reference  
 Refl Reflect, Reflected, Reflective, Reflector  
 Reinf Reinforce, Reinforcing, Reinforcement  
 Repl Replace  
 Req Required  
 Resil Resilient  
 Ret Return, Retain, Retaining  
 Rev Revised, Revision  
 Rfg Roofing  
 RH Right Hand  
 Rm Room  
 RO Rough Opening  
 ROW Right-of-Way  
 Rt Right  
 RT Resilient Tile  
 R/T Right Track  
 RW Retaining Wall

S South  
 San Sanitary  
 SB Southbound  
 SC Solid Core  
 SCD Seat Cover Dispenser  
 Sch Schedule  
 SD Soap Dispenser  
 SE Southeast  
 Sect Section  
 SF Square Foot, Square Feet  
 SFP Site Finish Plan  
 Sgl Single  
 Sht Sheet  
 Sim Similar  
 SIP Support in Place  
 SL Street Light  
 SLC Street Light Conduit  
 SLPB Street Light Pull Box  
 SND Sanitary Napkin Dispenser  
 SNR Sanitary Napkin Receptacle  
 Spa Spaces, Spacing  
 Spec Specification  
 Spkr Speaker  
 Spr Sprinkler  
 Sq Square  
 SS Service Sink, Stainless Steel  
 St Street  
 Sta Station, Stationing  
 StaC Station Contractor  
 Std Standard  
 Stl Steel  
 Stor Storage  
 Str Structure  
 Strl Structural  
 Supv Supervisor, Supervise  
 Susp Suspended  
 SW Southwest  
 SY Square Yard  
 Sym Symmetrical  
 Sys System

T Top  
 T.O. Top of  
 T&B Top and Bottom  
 Tan Tangent  
 TBD To Be Determined  
 TC Top of Curb  
 TCCR Train Control & Communications Room  
 TD Trench Drain  
 TDD Telecommunications Device for the Deaf  
 Tel Telephone  
 Tele Telescoping  
 Temp Temporary, Temperature  
 TG Top of Grate  
 T&G Tongue and Groove  
 Thk Thick, Thickness  
 TL Traffic Light  
 TOC Top of Concrete  
 TOR Top of Rail  
 TOS Top of Steel  
 Tot Total  
 TOW Top of Wall  
 TP Top of Pavement  
 TPD Toilet Paper Dispenser  
 TPSS Traction Power Substation  
 Tr Tread  
 TV Television, Ticket Validator  
 TVM Ticket Vending Machine  
 Typ Typical  
 T/C Top of Curb  
 T/R Top of Rail  
 T/P Top of Platform

UB Utility Box  
 UC Undercut  
 UD Underdrain  
 UL Underwriter's Laboratories  
 Unf Unfinished  
 Unk Unknown  
 UNO Unless Noted Otherwise  
 UPE Under Platform Exhaust  
 UR Urinal  
 UST Underground Storage Tank  
 Util Utility  
 UWP Upper Working Point

V Vertical  
 Vac Vacuum  
 Var Variable, Varies  
 VCT Vinyl Composition Tile  
 Vent Ventilate, Ventilation  
 Vert Vertical  
 Vest Vestibule  
 VIF Verify in Field  
 Viv Valve  
 VMS Variable Message Sign  
 VoIP Voice over Internet Protocol  
 Vt Vent

W West, Wide, Width  
 w/ With  
 w/o Without  
 WB Westbound  
 WC Water Closet  
 WCR Wheel Chair Ramp  
 Wd Wood  
 Whse Warehouse  
 WI Wrought Iron  
 Wk Work  
 WL Water Line  
 WM Water Meter, Water Main  
 WP Work Point  
 Wpf Waterproof, Waterproofing  
 WSP Wet Stand Pipe  
 Wt Weight  
 Wtr Water  
 WTW Wall to Wall  
 WV Water Valve  
 WWF Welded Wire Fabric  
 WWM Welded Wire Mesh

x By (As in 6'x 8')  
 X-Sect Cross Section

Yr Year

Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed:	D Uchida
Drawn:	R Shidaki
Checked:	M Walter
Approved:	R Kato
Date:	08-12-13

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

Prime Consultant:  **Anil Verma Associates, Inc.**  
 841 Bishop Street, Suite 1888, Honolulu, HI 96813  
 Phone: (808) 369-8108 www.anilverma.com

Subconsultant: **kya design group**  
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 that enhance creative solutions  
 525 Punchbowl Street, Suite 1000, Honolulu, HI 96813  
 Phone: (808) 595-7775 Fax: (808) 594-0234

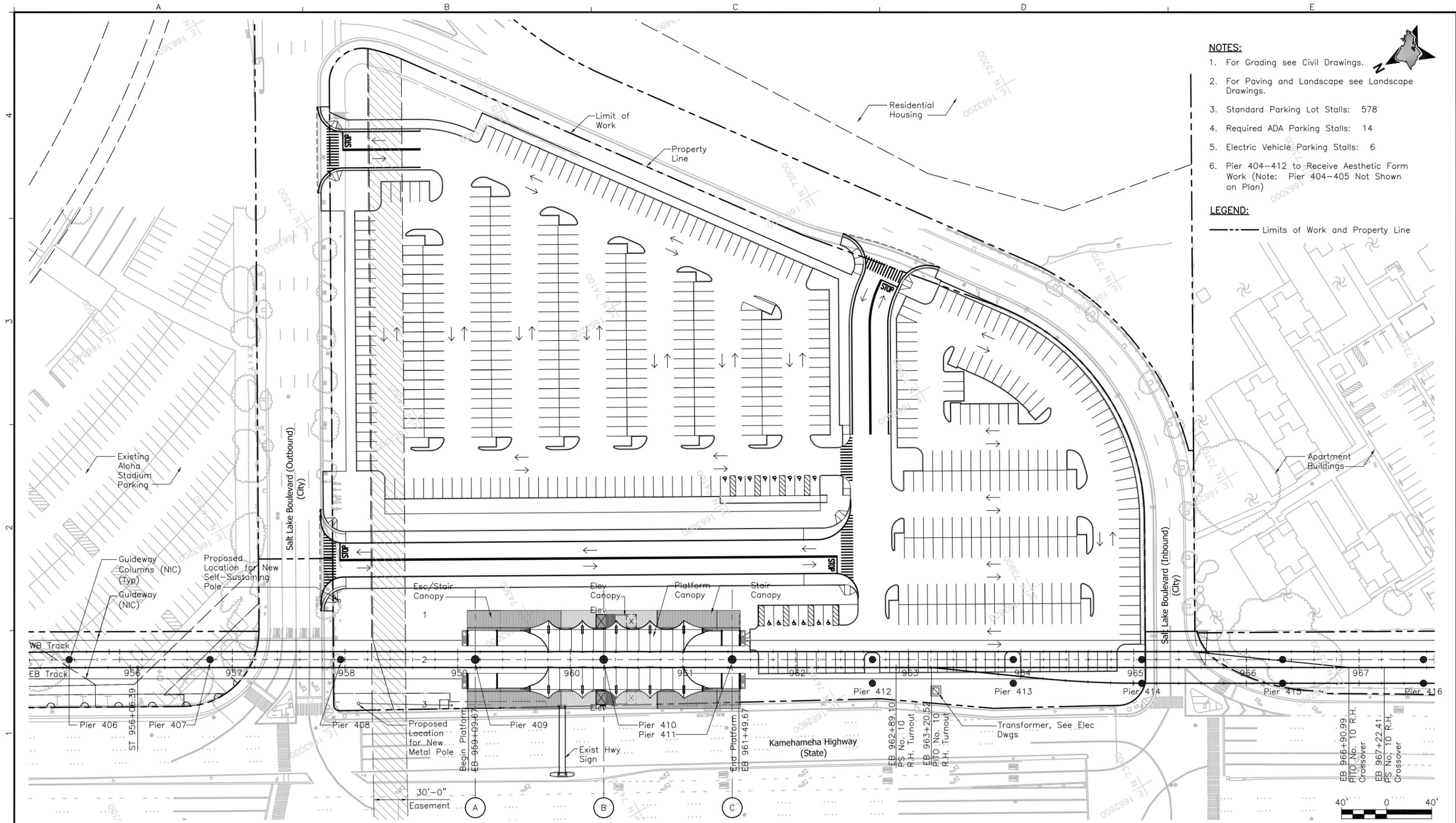
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**ALOHA STADIUM STATION**

**GENERAL ARCHITECTURAL NOTES  
 SYMBOLS, AND ABBREVIATIONS**

**SHEET 3 OF 3**

Contract No.: SC-HRT-1200111	
CADD File: SJ1-H01-AG003	
Drawing No: AG003	Rev. B
Scale: N/A	
Page No.	of



- NOTES:**
1. For Grading see Civil Drawings.
  2. For Paving and Landscape see Landscape Drawings.
  3. Standard Parking Lot Stalls: 578
  4. Required ADA Parking Stalls: 14
  5. Electric Vehicle Parking Stalls: 6
  6. Pier 404-412 to Receive Aesthetic Form Work (Note: Pier 404-405 Not Shown on Plan)
- LEGEND:**
- Limits of Work and Property Line

Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed:  
D Uchida

Drawn:  
R Shidaki

Checked:  
M Walter

Approved:  
R Kato

Date:  
08-12-13

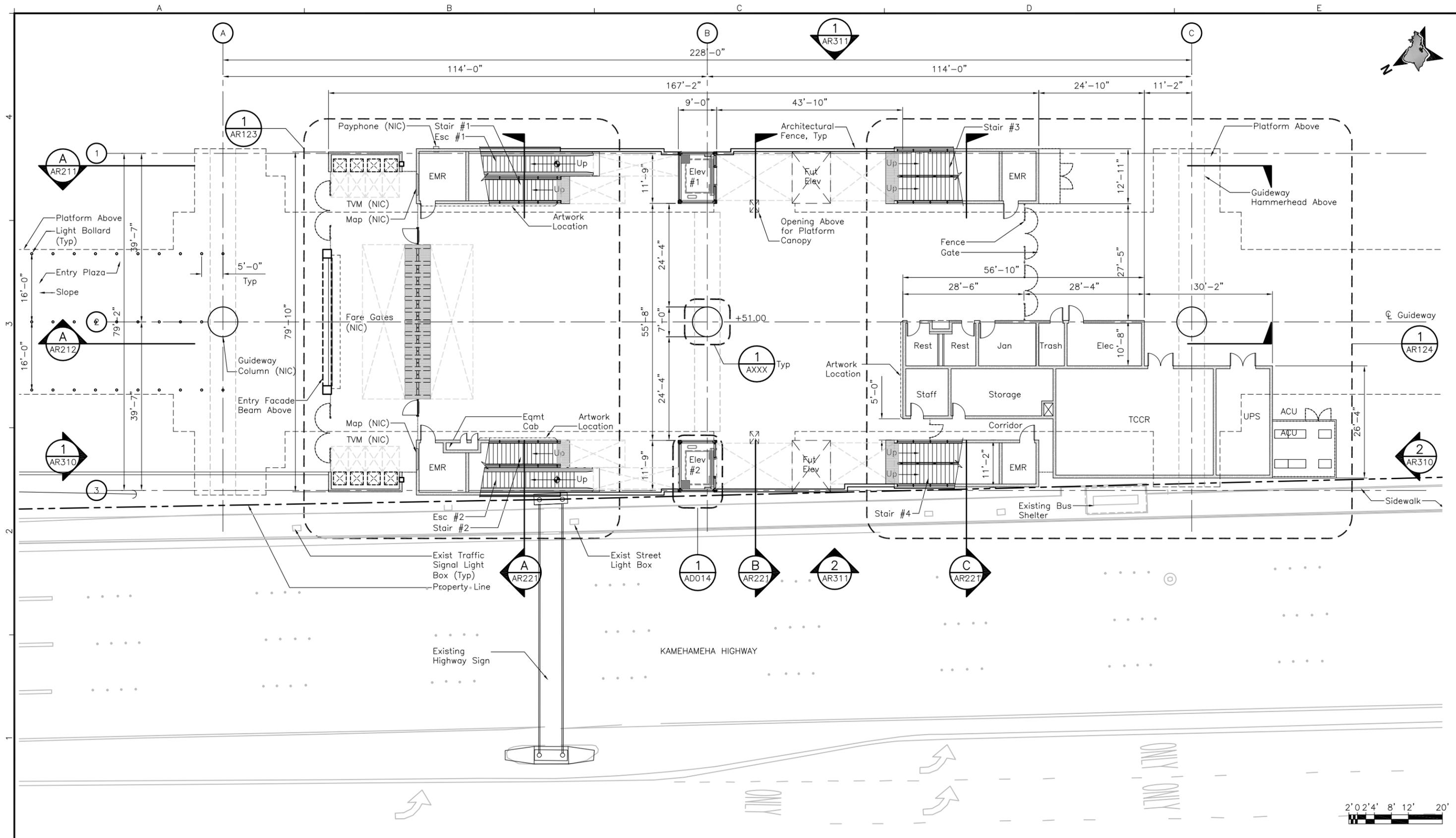
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**ALOHA STADIUM STATION**  
**ARCHITECTURAL SITE PLAN**

Contract No.: SC-HRT-1200111  
File: SJ1-H02-AR101  
Drawing No: AR101 Rev.  
Scale: 1"=40'  
Page No. of



Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed:	D Uchida
Drawn:	R Shidaki
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Approved:	R Kato
Date:	08-12-13

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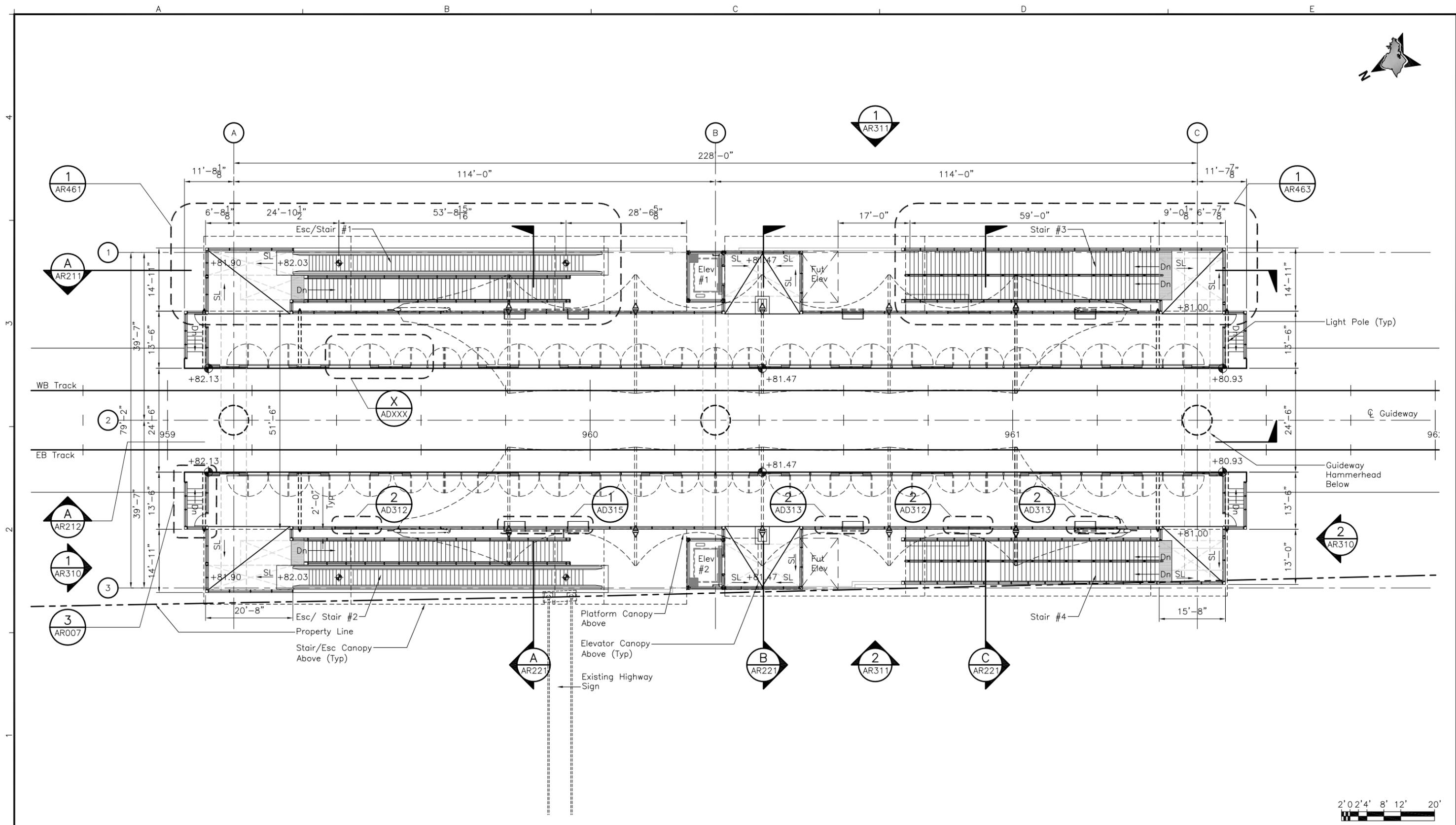
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**ALOHA STADIUM STATION**  
**GROUND LEVEL PLAN**

Contract No.: SC-HRT-1200111	
File: SJ1-H03-AR120	
Drawing No: AR120	Rev. B
Scale: 3/32" = 1'-0"	
Page No. _____	of _____



Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
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Designed:  
D Uchida

Drawn:  
R Shidaki

Checked:  
M Walter

Approved:  
R Kato

Date:  
08-12-13

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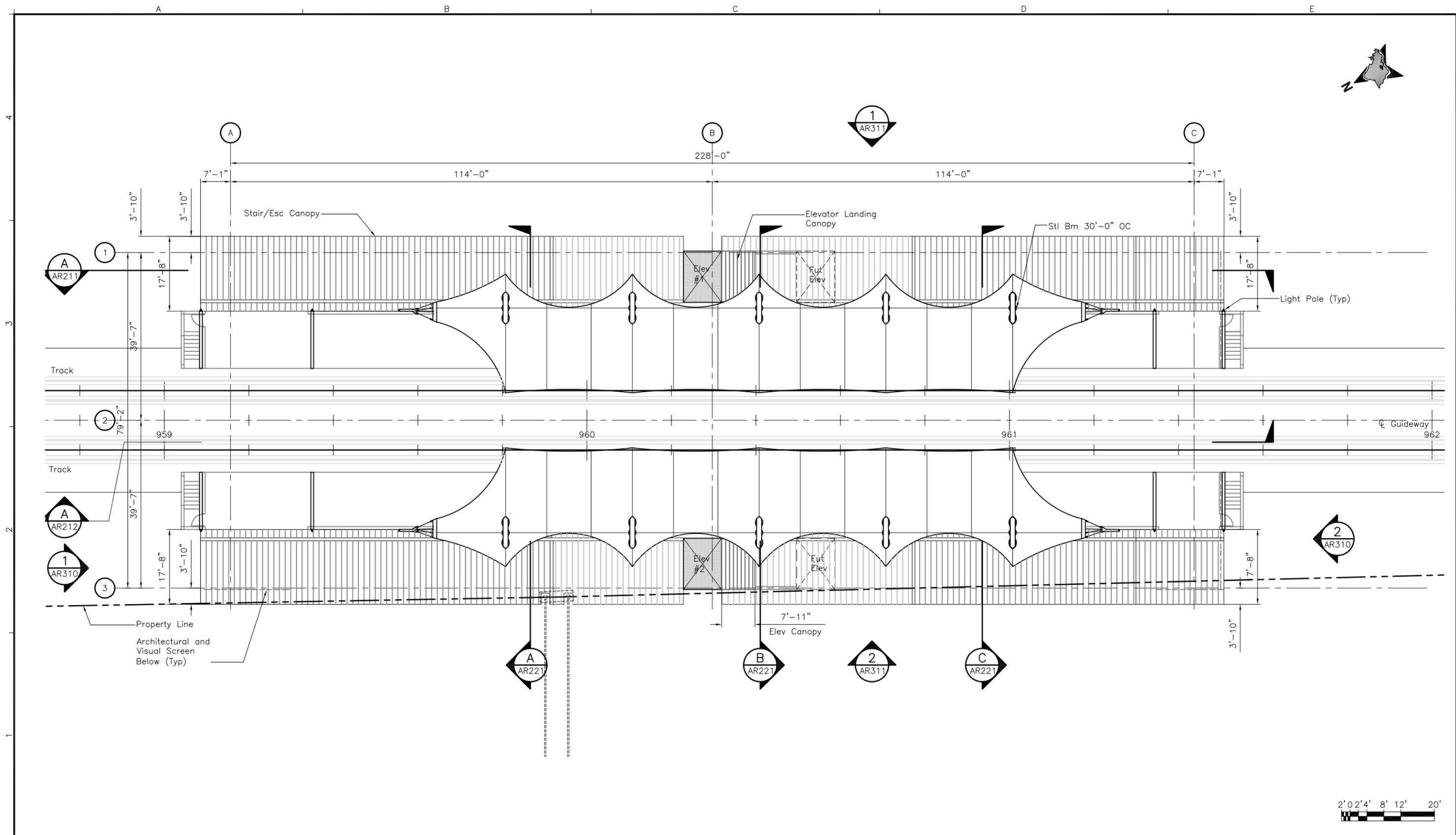
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**ALOHA STADIUM STATION**  
**PLATFORM LEVEL PLAN**

Contract No.: SC-HRT-1200111  
File: SJ1-H03-AR140  
Drawing No: AR140 Rev. B  
Scale: 3/32"=1'-0"  
Page No. of



Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed: D Uchida  
 Drawn: R Shidaki  
 Checked: M Walter  
 Approved: R Kato  
 Date: 08-12-13

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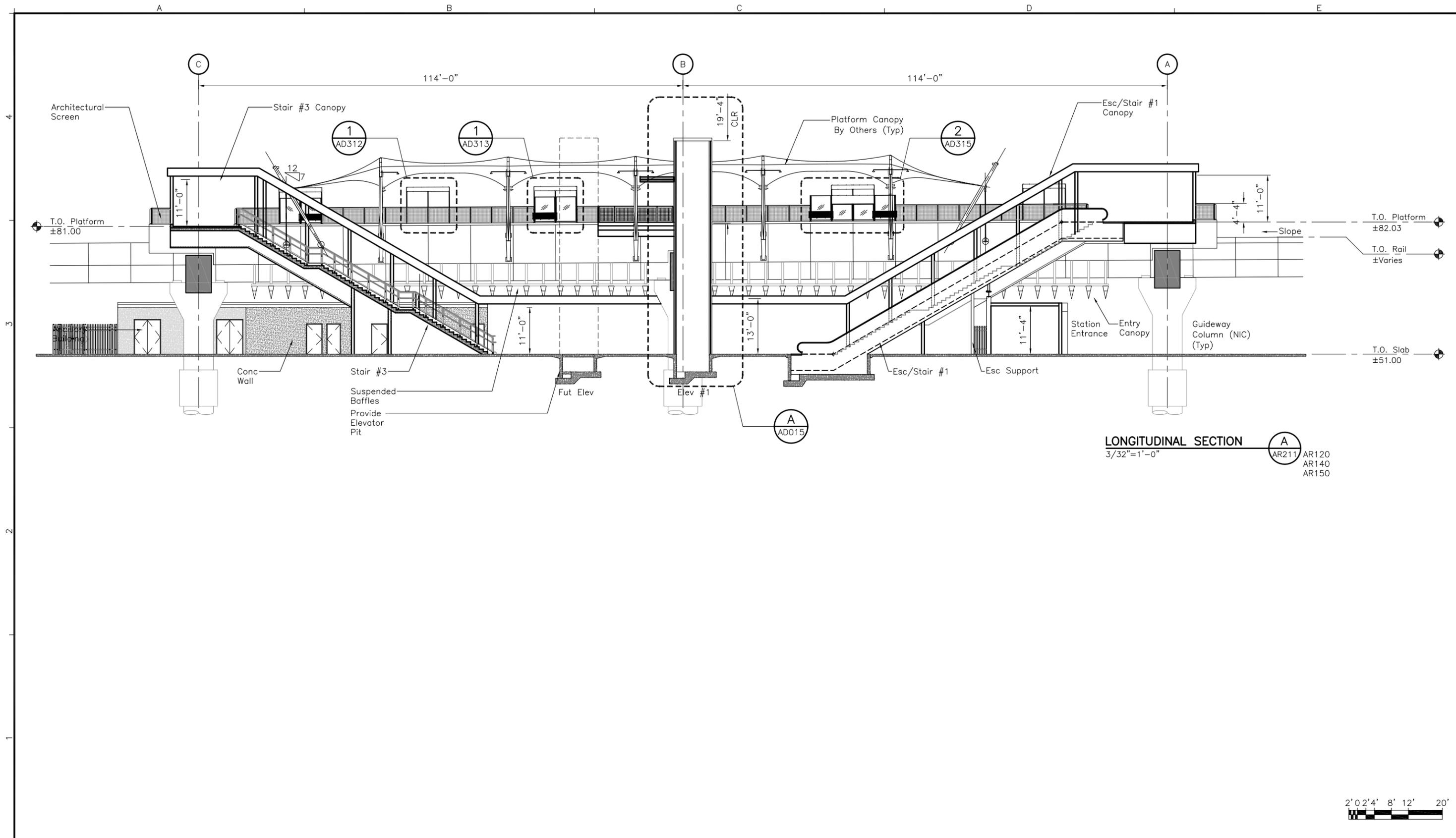
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**ALOHA STADIUM STATION**  
**CANOPY LEVEL PLAN**

Contract No.: SC-HRT-1200111  
 File: SJ1-H03-AR150  
 Drawing No: AR150 Rev. B  
 Scale: 3/32" = 1'-0"  
 Page No. of



**LONGITUDINAL SECTION**  
 3/32"=1'-0"  
 A AR211 AR120 AR140 AR150



Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed:  
D Uchida  
 Drawn:  
R Shidaki  
 Checked:  
M Walter  
 Approved:  
R Kato  
 Date:  
08-12-13

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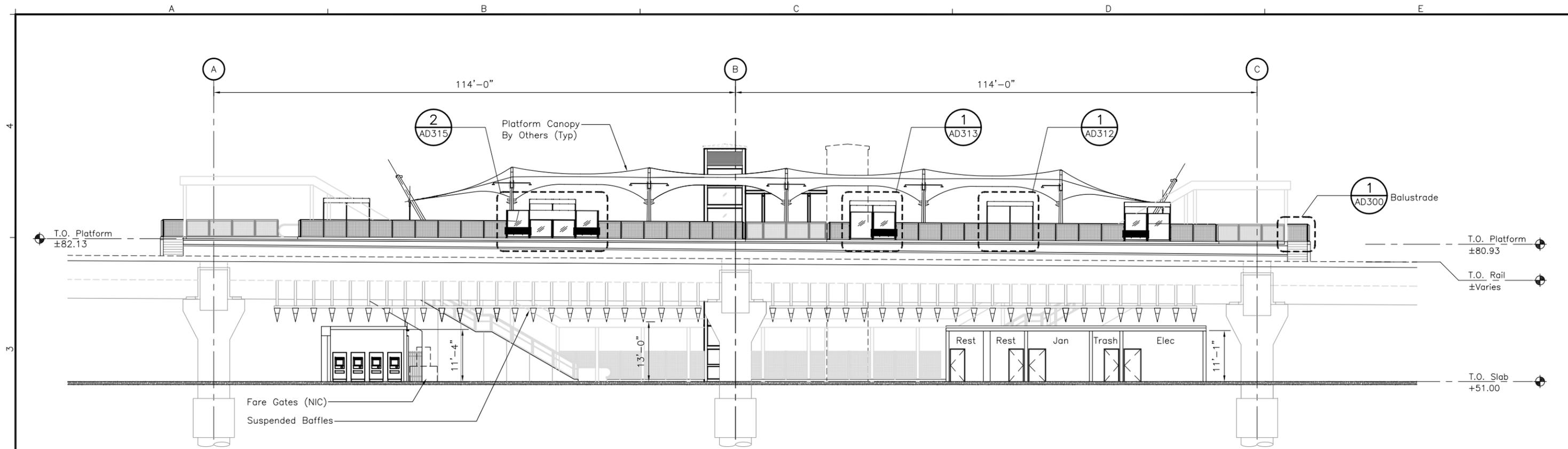
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**ALOHA STADIUM STATION**  
**BUILDING SECTION**

**SHEET 1 OF 2**

Contract No.: SC-HRT-1200111	
File: SJ1-H05-AR211	
Drawing No: AR211	Rev. B
Scale: 3/32"=1'-0"	
Page No.	of



**LONGITUDINAL SECTION**  
3/32"=1'-0"

**A**  
AR212  
AR120  
AR140  
AR150



Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed:  
D Uchida  
Drawn:  
R Shidaki  
Checked:  
M Walter  
Approved:  
R Kato  
Date:  
08-12-13

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

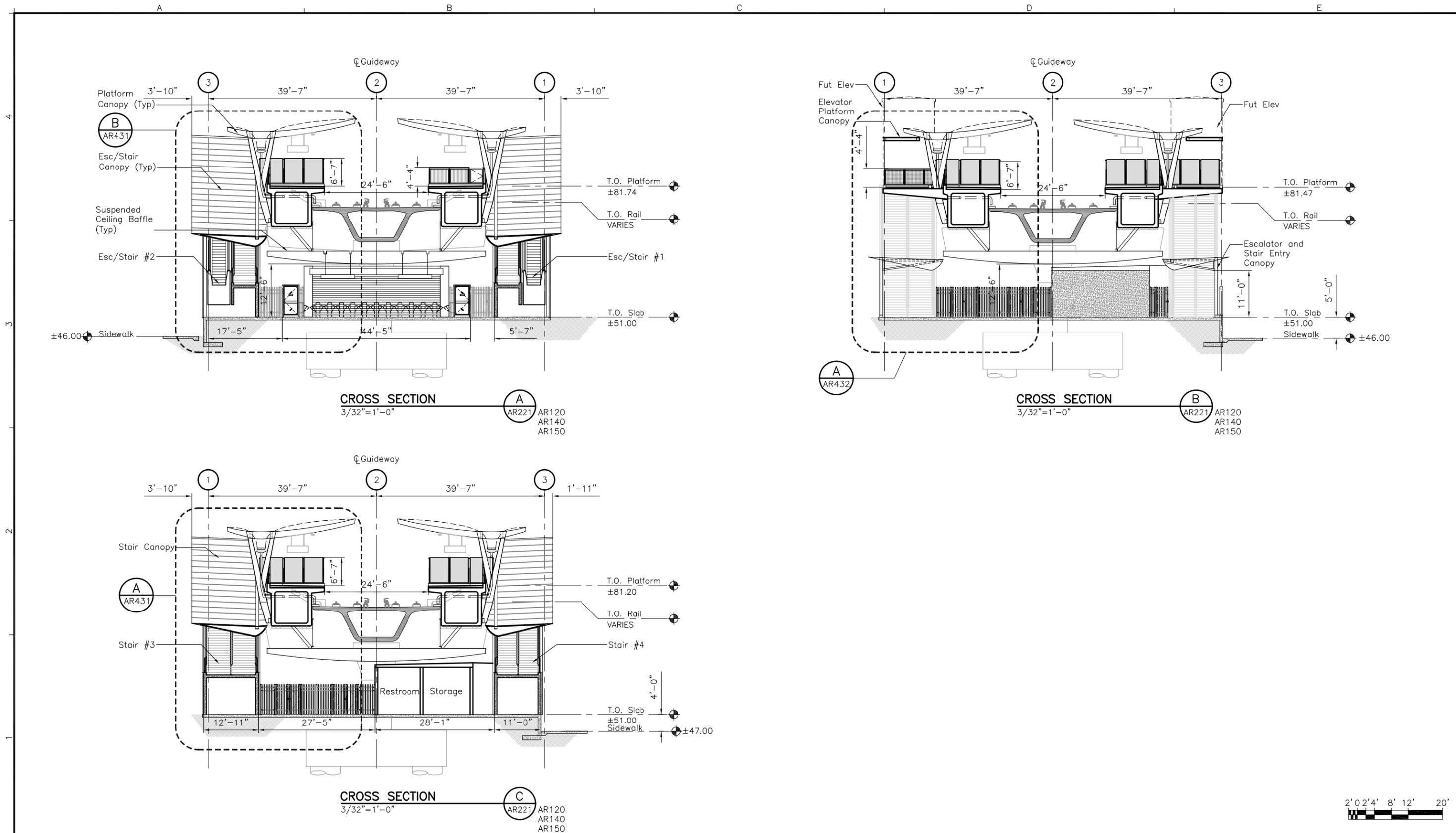
Prime Consultant:	 <b>Anil Verma Associates, Inc.</b> 841 Bishop Street, Suite 1888, Honolulu, HI 96813 Phone: (808) 369-8108 www.anilverma.com	Subconsultant:	<b>kya design group</b> <i>fostering relationships that enhance creative solutions</i> <small>505 Puhimua Street, Suite 100, Honolulu, HI 96813 Phone: (808) 946-7775 • Fax: (808) 946-2234</small>
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**ALOHA STADIUM STATION**  
**BUILDING SECTION**

**SHEET 2 OF 2**

Contract No.: SC-HRT-1200111	
File: SJ1-H05-AR212	
Drawing No: AR212	Rev. B
Scale: 3/32"=1'-0"	
Page No.	of



Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
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Designed: D Uchida  
 Drawn: R Shidaki  
 Checked: M Walter  
 Approved: R Kato  
 Date: 08-12-13

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

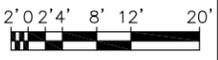
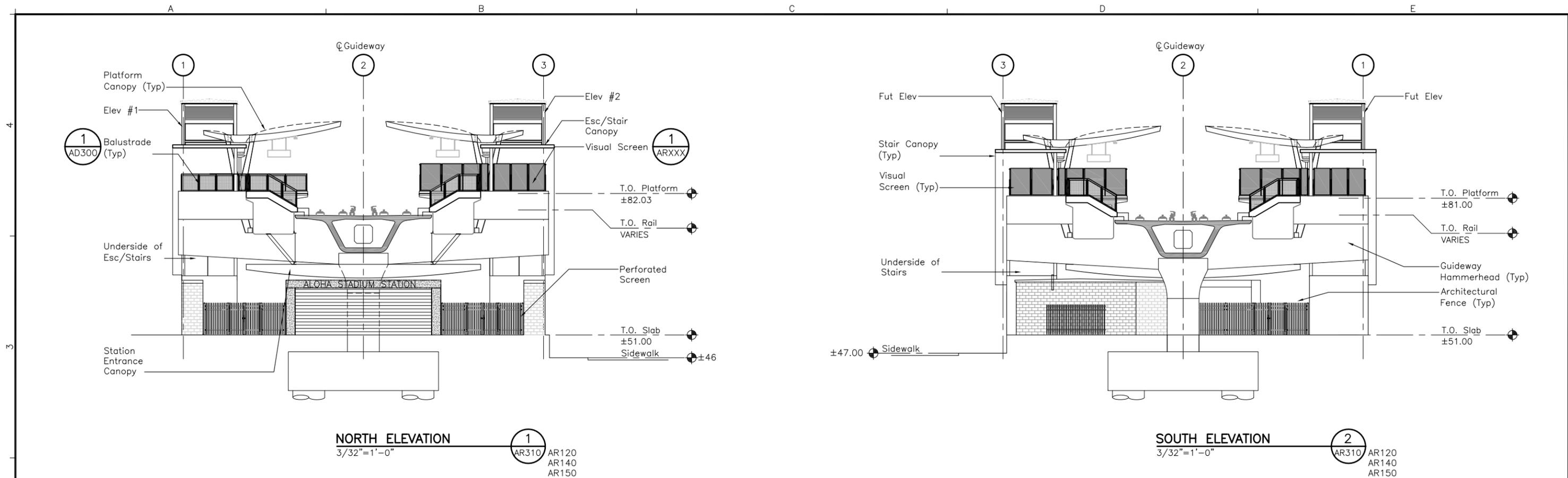
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For reduced prints, original page size in inches: 0 1 2 3 4

**ALOHA STADIUM STATION  
 BUILDING SECTIONS**

Contract No.: SC-HRT-1200111	
File: SJ1-H05-AR221	
Drawing No: AR221	Rev. B
Scale: 3/32"=1'-0"	
Page No.	of



Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
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Designed:  
D Uchida

Drawn:  
R Shidaki

Checked:  
M Walter

Approved:  
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Date:  
08-12-13

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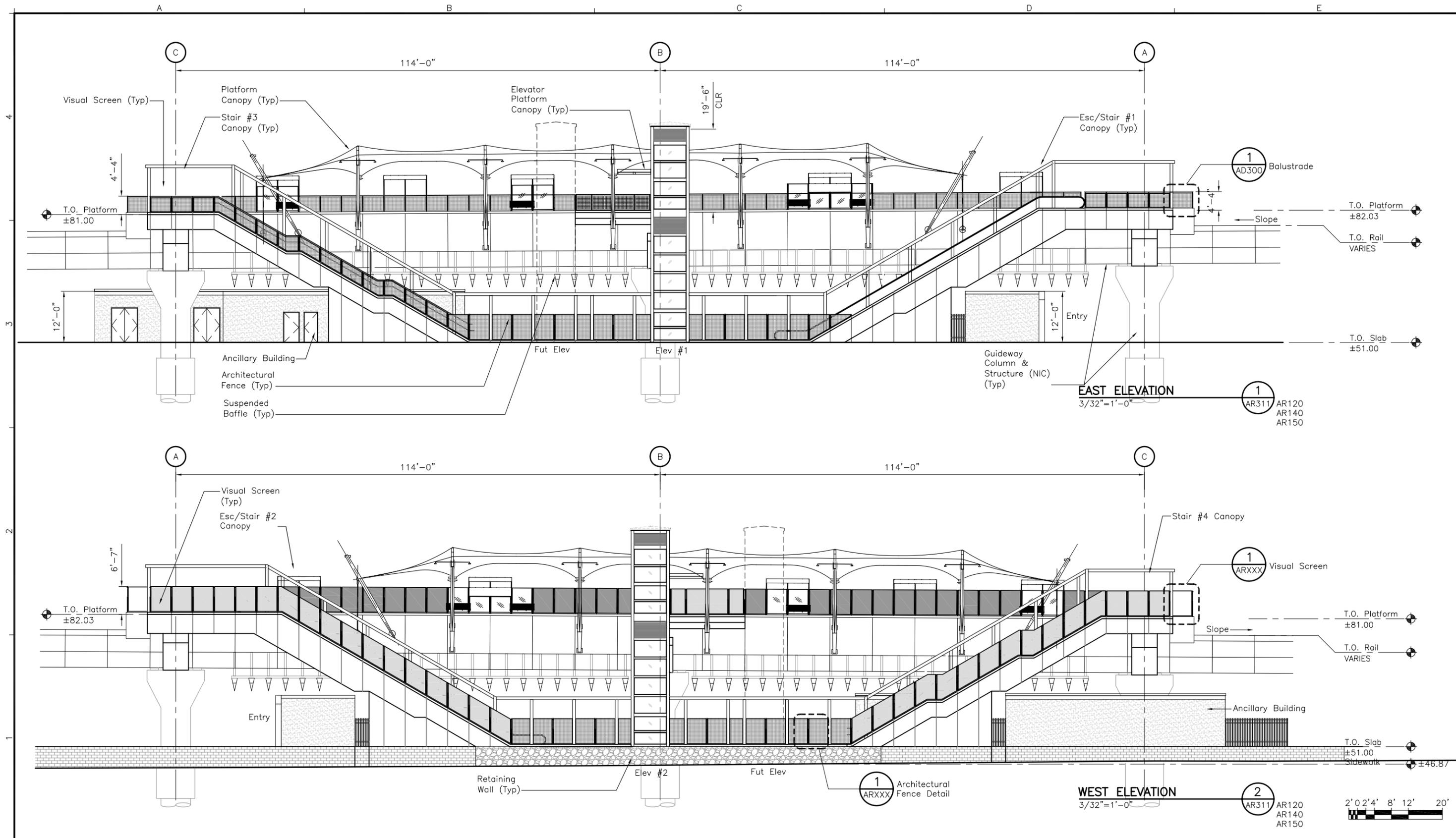
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**ALOHA STADIUM STATION**  
**BUILDING ELEVATIONS**

**SHEET 1 OF 2**

Contract No.: SC-HRT-1200111	
File: SJ1-H06-AR310	
Drawing No: AR310	Rev. B
Scale: 3/32"=1'-0"	
Page No.	of



Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed:  
D Uchida

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R Shidaki

Checked:  
M Walter

Approved:  
R Kato

Date:  
08-12-13

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

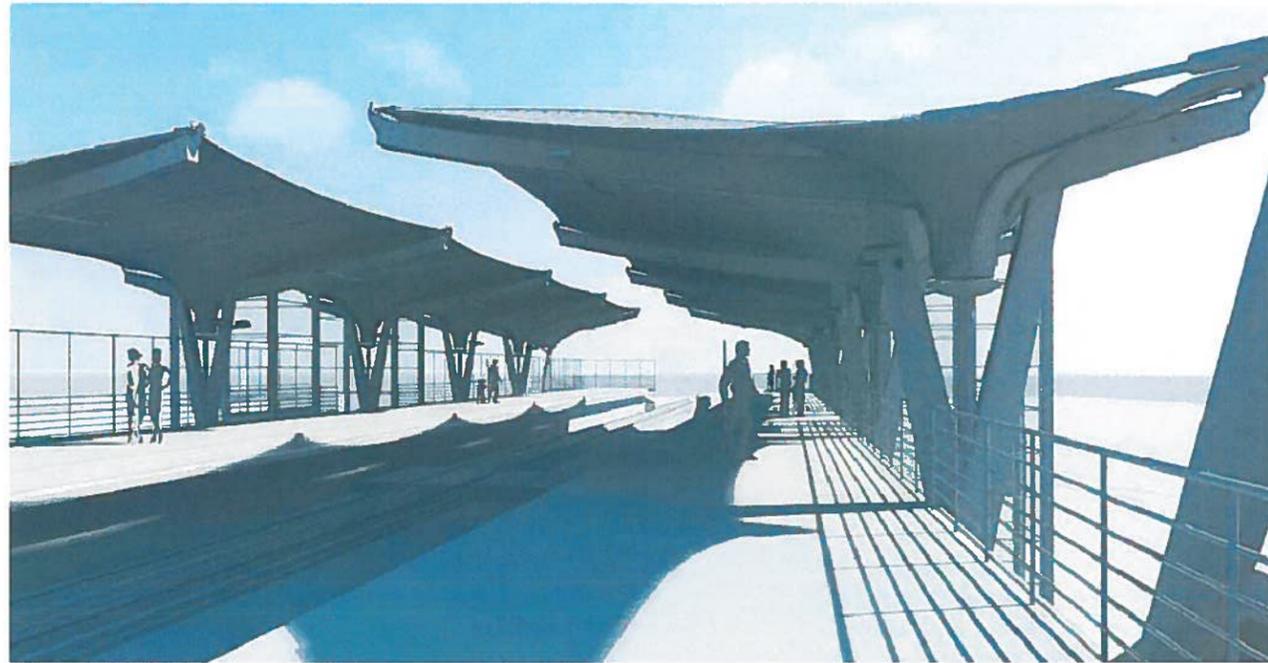
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**ALOHA STADIUM STATION**  
**BUILDING ELEVATIONS**

**SHEET 2 OF 2**

Contract No.: SC-HRT-1200111	
File: SJ1-H06-AR311	
Drawing No: AR311	Rev. B
Scale: 3/32" = 1'-0"	
Page No.	of



**PLATFORM VIEW**  
NTS

1  
AR401



**INTERIOR PLAZA VIEW**  
NTS

2  
AR401



**WEST ELEVATION VIEW**  
NTS

3  
AR401



**EAST ELEVATION VIEW**  
NTS

4  
AR401

**NOTE**  
1. 3D Views to be Updated

Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed:	D Uchida
Drawn:	R Shidaki
Checked:	M Walter
Approved:	R Kato
Date:	08-12-13

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

Prime Consultant:	 <b>Anil Verma Associates, Inc.</b> 841 Bishop Street, Suite 1888, Honolulu, HI 96813 Phone: (808) 369-8108 www.anilverma.com	Subconsultant:	<b>kya design group</b> <i>fostering relationships that enhance creative solutions</i> <small>2013-08-12 10:14 AM</small>
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For reduced prints, original page size in inches: 0 1 2 3 4

**ALOHA STADIUM STATION**  
**3D VIEWS**

Contract No.:	SC-HRT-1200111
CADD File:	SJ1-H07-AR401
Drawing No.:	AR401
Rev.:	B
Scale:	NTS
Page No.:	of

A

B

C

D

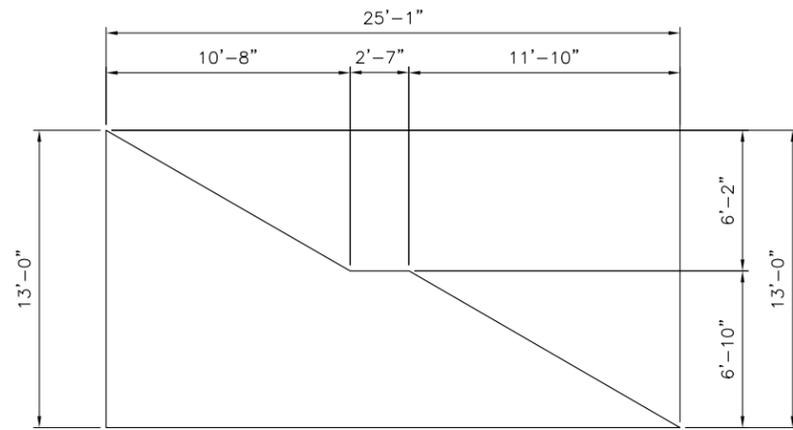
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ART WORK SCHEDULE

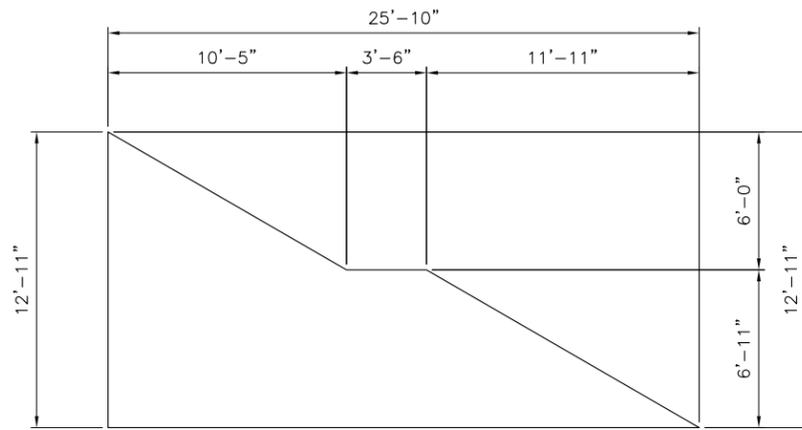
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			WIDTH	HEIGHT	DEPTH				
01	100	Entry Plaza	25'-1"	13'-0"	---	WALL	---	---	
02	100	Entry Plaza	25'-10"	12'-11"	---	WALL	---	---	
03	100	Entry Plaza	22'-0"	12'-0"	---	WALL	---	---	
04	100	Entry Plaza	25'-1"	13'-0"	---	WALL	---	---	

NOTES

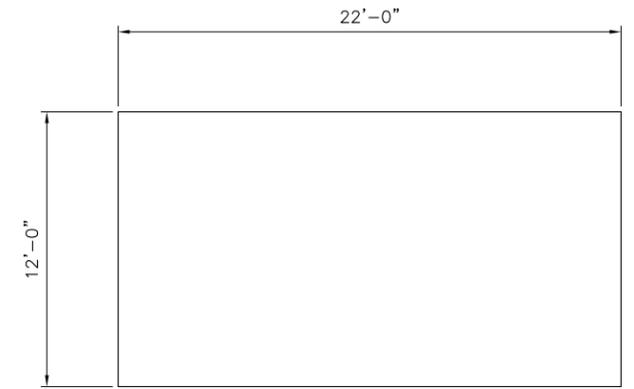
1. For Artwork Locations Refer to Sheet AR142 and AR143



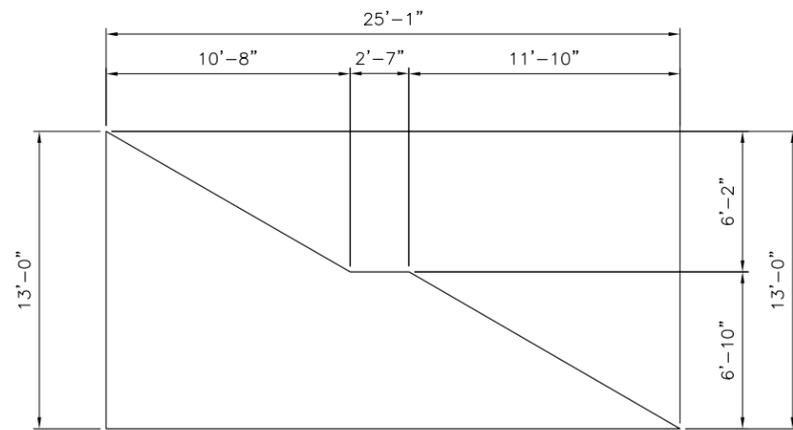
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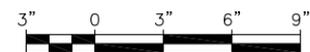
02



03



04



Rev	By	Date	Description
B	RK	08-12-13	NTP 2 - Interim Design Submission
A	RK	04-22-13	NTP 1B - Revision to PE Submission

Designed:	D Uchida
Drawn:	R Shidaki
Checked:	M Walter
Approved:	R Kato
Date:	08-12-13

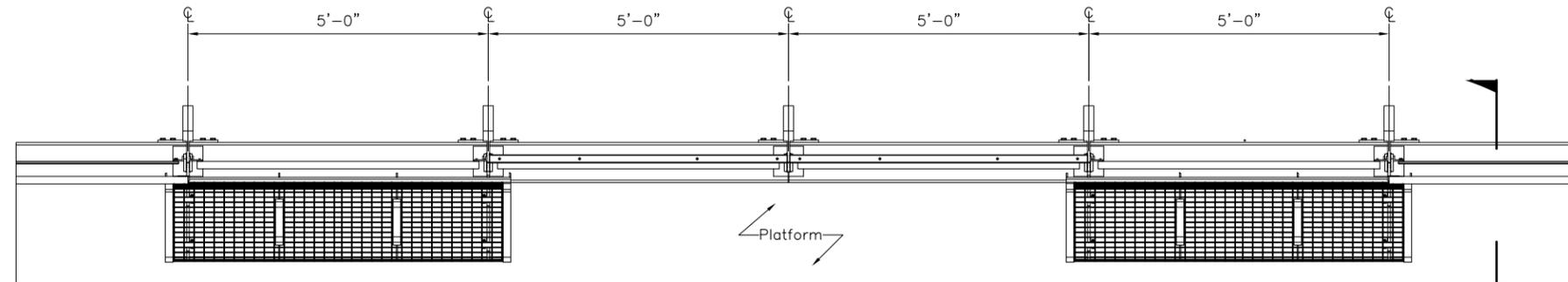
**HONOLULU RAIL TRANSIT PROJECT**  
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Prime Consultant:		Subconsultant:	
<b>Anil Verma Associates, Inc.</b> 841 Bishop Street, Suite 1888, Honolulu, HI 96813 Phone: (808) 369-8108 www.anilverma.com		<b>kya design group</b> fostering relationships that enhance creative solutions <small>500 Punaluu Street, Suite 101, Honolulu, HI 96813          Phone: (808) 944-7775 • Fax: (808) 944-2334</small>	

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**ALOHA STADIUM STATION**  
**ART WORK SCHEDULE AND DETAILS**

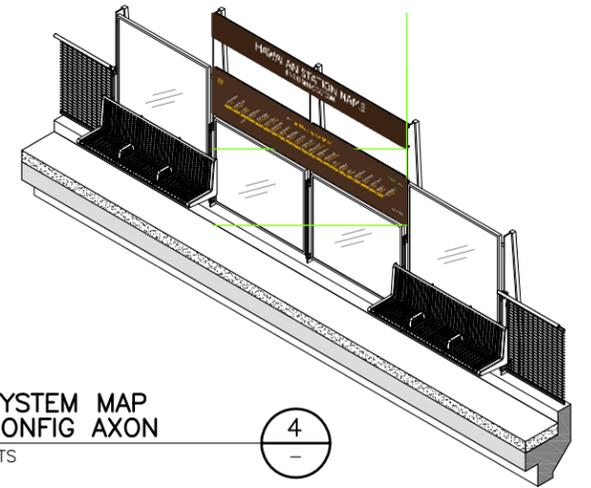
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Drawing No:	AR606
Rev.	B
Scale:	3"=1'-0"
Page No.	of



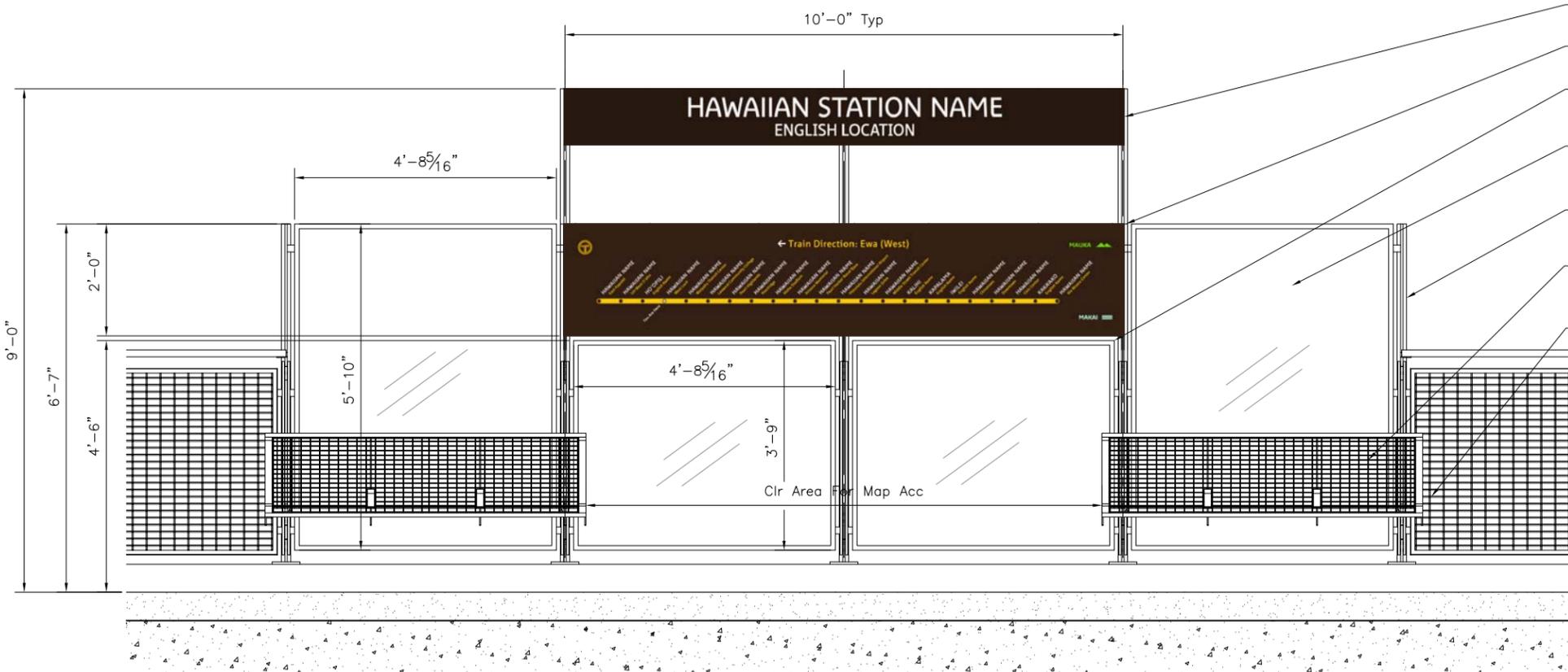
SYSTEM MAP CONFIG PLAN  
3/4"=1'-0"



AD102



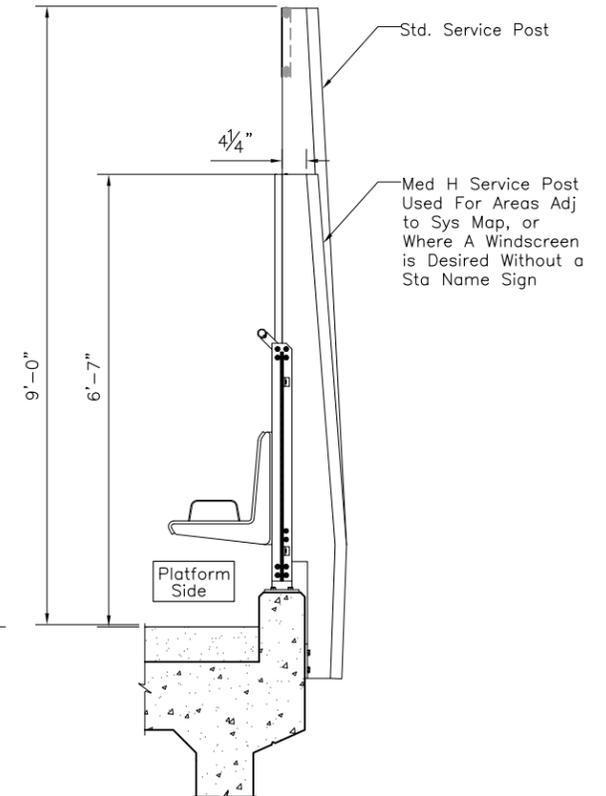
SYSTEM MAP CONFIG AXON  
NTS



SYSTEM MAP CONFIG ELEVATION  
3/4"=1'-0"



- Sta Name Sign
- Sys Map Sign
- Low 9/16" Lam Tempered Gl Wind Screen
- Std Sized 9/16" Lam Tempered Gl Wind Screen
- Med Ht Service Post. Selective Use for Windscreen W/o Sta Name Sign
- SS Mesh Bench, Typ
- Balustrade Assm, Typ



SYSTEM MAP CONFIG SIDE ELEV  
3/4"=1'-0"



Rev	By	Date	Description
-	-	OX-XX-13	NTP 2 - X

Designed:	
Drawn:	
Checked:	A Allison
Approved:	M Peika
Date:	OX-XX-13

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

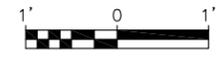
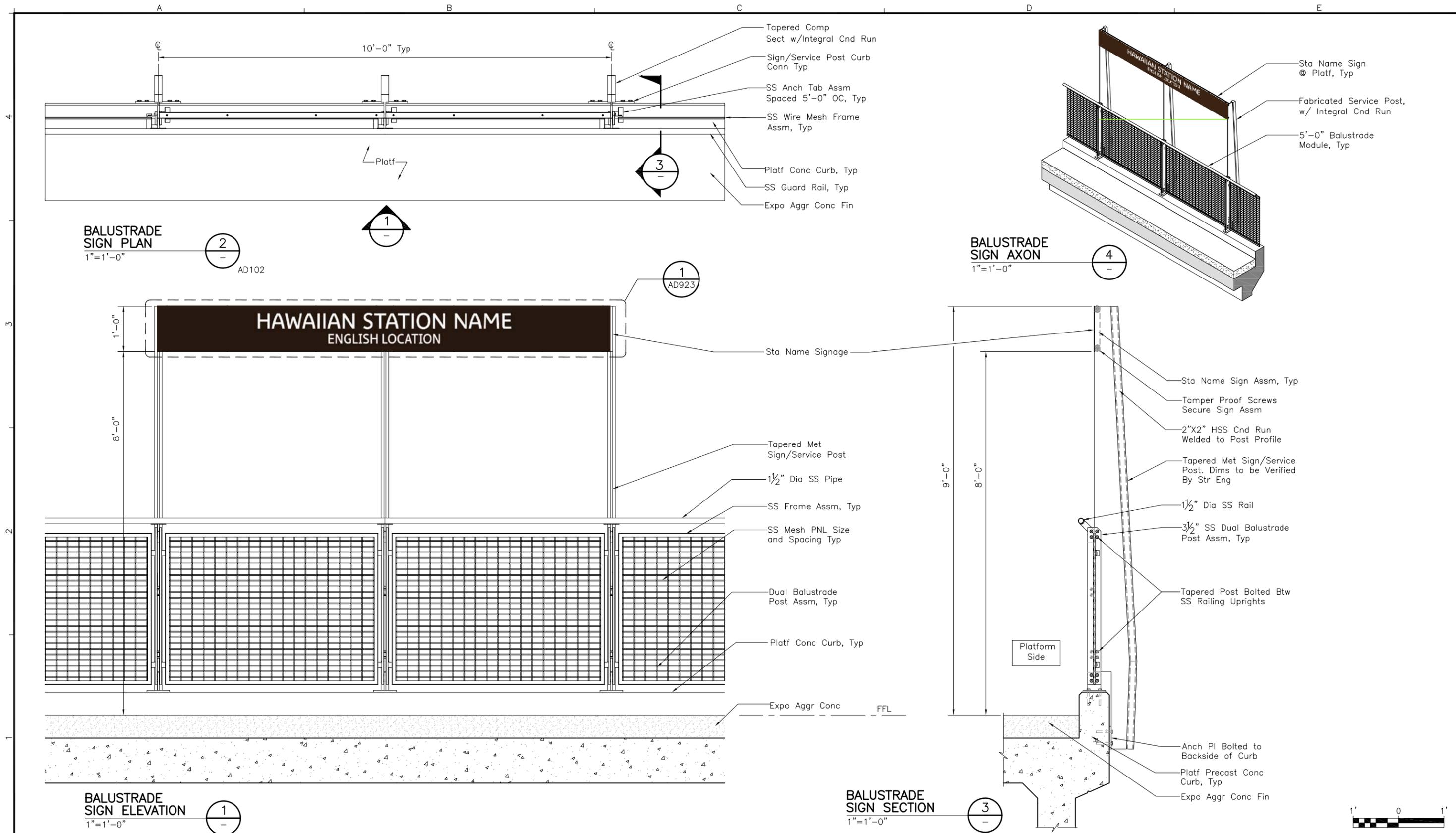
Prime Consultant: **Anil Verma Associates, Inc.**  
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Phone: (808) 369-8108 www.anilverma.com

Subconsultant: **kya design group**  
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Telephone (808) 949-7770 Fax (808) 949-0334

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**KAMEHAMEHA HIGHWAY STATION GROUP**  
**BALUSTRADE**  
**BENCH, WINDSCREEN, SIGN, MAP**

Contract No.:	SC-HRT-1200111
CADD File:	KHSG-H09-AD315
Drawing No.:	AD315
Scale:	As Noted
Page No.:	of



Rev	By	Date	Description
-	-	OX-XX-13	NTP 2 - X

Designed:	
Drawn:	
Checked:	A Allison
Approved:	M Peika
Date:	OX-XX-13

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

Prime Consultant: **Anil Verma Associates, Inc.**  
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**KAMEHAMEHA HIGHWAY STATION GROUP**

**BALUSTRADE STATION SIGN**

Contract No.:	SC-HRT-1200111
CADD File:	KHSG-H09-AD312
Drawing No.:	AD312
Scale:	As Noted
Page No.:	of

**GENERAL LANDSCAPE NOTES**

- Origin of Coordinates: Hawaii State Plane Coordinate Grid System, Zone III with the North American Datum of 83 High Accuracy Reference Network (NAD83 HARN).
- Underground facilities, poles, structures, and utilities have been plotted from available surveys and records. Their locations must be considered approximate only. There may be others, the existence of which is at present unknown. Verification of all the locations, shown or not shown, will be the responsibility of the contractor.
- Refer to the Standard Plans Summary plan sheets details not shown herein.
- Existing street tree immediately adjacent to the Project site shall be protected throughout construction.
- Contractor shall install a 4" layer of imported topsoil over all planting areas.
- For trees without disposition measures called out, they are to remain in place and assumed to not be affected by construction.
- During removal and transplanting of trees, if archaeological site or burials are found, follow the Programmatic Agreement which was developed in consultation with the State Historic Preservation Division (SHPD), Federal Advisory Council on Historic Preservation (ACHP), Federal Transit Administration (FTA), the O'ahu island Burial Council, the City and other consulting parties.
- Contractors working on any aspect of the Project shall comply with all application requirements of the Construction Health and Safety Plan.
- Hand excavation with hand tools or air spade are required at locations where utilities are near rootball.
- The City shall maintain access to business in the Project area throughout construction through there may be temporary changes to access and traffic movement during construction.
- Tree protection shall be installed for all trees adjacent to all construction activity, except those trees designated for removal. Protection should be in place for early work, test sites, utility investigation or relocation, or archeological inventory work that is done prior to construction.

**PLANT NOTES:**

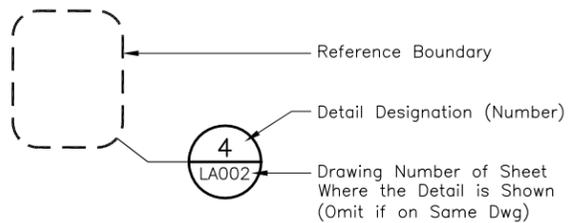
- Contractor Shall Field Verify All Plant Quantities And Dimensions Prior To Installation. Quantities Shown In On Plant Schedule Are For Convenience Only. Plans Shall Govern.
- Contractor Shall Be Responsible For Locating And Protecting All Existing Utilities.
- Notify Architect Of Any Discrepancies In Plant Locations Or Insufficient Plant Quantities Due To Differences In Plan And Actual Field Conditions.
- Notify Architect 30 Days Prior To Planting Operations For Approval Of All Plant Material At Place Of Growth. All Plant Material Not Approved By The Architect Will Be Subject To Rejection.
- The Contractor Shall Install A 4" Layer Of Imported Topsoil Material Over All Planting Areas. Contractor Shall Coordinate Landscape Planting Operations With All Trades.
- The Contractor Shall Flag All Plant Locations And Lay Out All Ground Cover Areas Prior To Installation For Approval By The Architect. Notify Architect (5) Working Days Prior To Starting Planting Operations.

**IRRIGATION NOTES:**

- Irrigation Plans Are Diagrammatic. Irrigation System Is Subject To Field Adjustments Due To Unanticipated Site Conditions. Locate All Mainlines, Laterals, Valves, And Irrigation Equipment Within Planting Areas Unless Otherwise Noted. Place Mainline In Planting Areas Where No Sleeves Are Shown. Avoid Any Conflict Between Underground Utilities, Structures, And Plantings. The Contractor Shall Be Responsible For Locating And Protecting All Existing Utilities. Bury Pressure Mains 24" Deep Minimum and Lateral Lines 12" Deep Minimum.
- Contractor Shall Install All Irrigation Equipment (i.e. Irrigation Lines, Control Wires, Valves, Etc.) Per Specifications. Existing Gate Valves, Point Of Connections, Etc. Are Derived From The Best Available Information And Onsite Inspection. The Contractor Shall Verify Those Points Of Connections Noted And Report Any Discrepancies To The Architect.

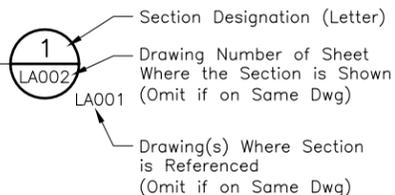
**SYMBOLS**

**DETAILS**

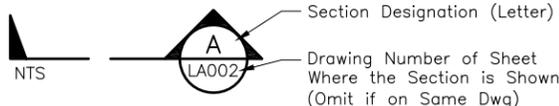


**DETAIL**

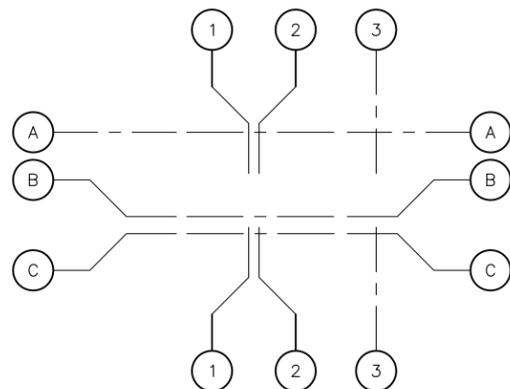
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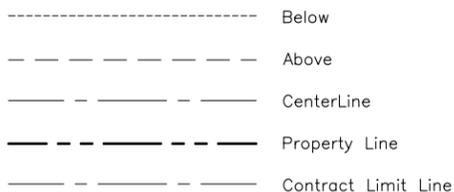
**SECTIONS**



**COLUMN LINE GRID INDICATOR**



**LINE SYMBOLS**



Match Line  
See Dwg LA001

**PLANT LEGEND**



**GENERAL SYMBOLS**

- & And
- @ At
- # Number
- ∅ Diameter
- % Percent
- = Equal
- > Greater Than
- < Less Than
- ≥ Greater Than or Equal To
- ≤ Less Than or Equal To
- ± Plus/Minus
- Guideway Column

**ABBREVIATIONS**

Arch.	Architectural
BL	Baseline
CL	Centerline
Conc	Concrete
Dia	Diameter
Dwg	Drawing
E	Easting
EB	Eastbound
EQ	Equal
EW	Each Way
Elec.	Electrical
GB#	Gap Breaker
Galv.	Galvanized
Max	Maximum
Min	Minimum
MH	Manhole
N	Northing
N/A	Not Applicable
NB	Northbound
NIC	Not In Contract
NTS	Not To Scale
O.C.	On Center
PA	Planting Area
PL	Property Line
POC	Point of Connection
PSI	Per Square Inch
ROW	Right of Way
SB	Southbound
SR	State Route
Sym	Symbol
Typ	Typical
Typ. Sym.	Typical Symbol
UNO	Unless Noted Otherwise
WB	Westbound
W/	With

**SPECIAL TERMS**

Makai	Ocean
Mauka	Mountain

Rev	By	Date	Description
B	SD	08-12-13	NTP 2 - Interim Design Submission
A	SD	04-22-13	NTP 1B - Revision to PE Submission

Designed:	M Shimatsu
Drawn:	M McMillen
Checked:	R Higa
Approved:	S Duncan
Date:	08-08-13

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

Prime Consultant: **Anil Verma Associates, Inc.**  
841 Bishop Street, Suite 1888, Honolulu, HI 96813  
Phone: (808) 369-8108 www.anilverma.com

Subconsultant: Land Planning, Landscape Architecture, Environmental Studies, Graphic Design  
1001 Bishop Street, Suite 650 Honolulu HI, 96813  
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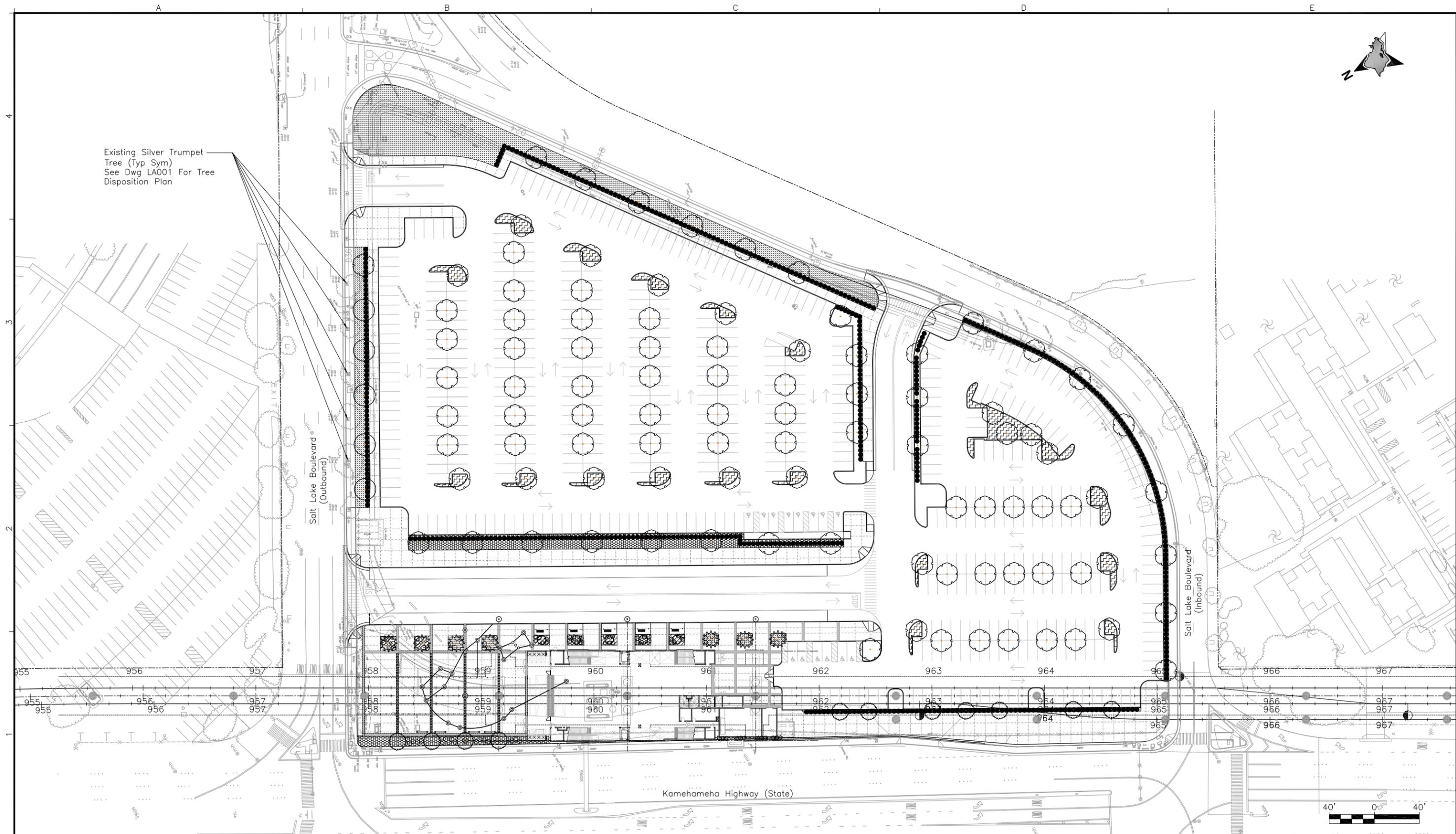
**PBR HAWAII & ASSOCIATES, INC.**

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**ALOHA STADIUM STATION**

**GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS**

Contract No.:	SC-HRT-1200111
File:	SJ1-J01-LG000
Drawing No:	LG000
Rev.	B
Scale:	N/A
Page No.	of



Rev	By	Date	Description
B	SD	08-12-13	NTP 2 - Interim Design Submission
A	SD	04-22-13	NTP 1B - Revision to PE Submission

Designed:  
M Shimatsu

Drawn:  
M McMillen

Checked:  
R Higa

Approved:  
S Duncan

Date:  
08-08-13

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

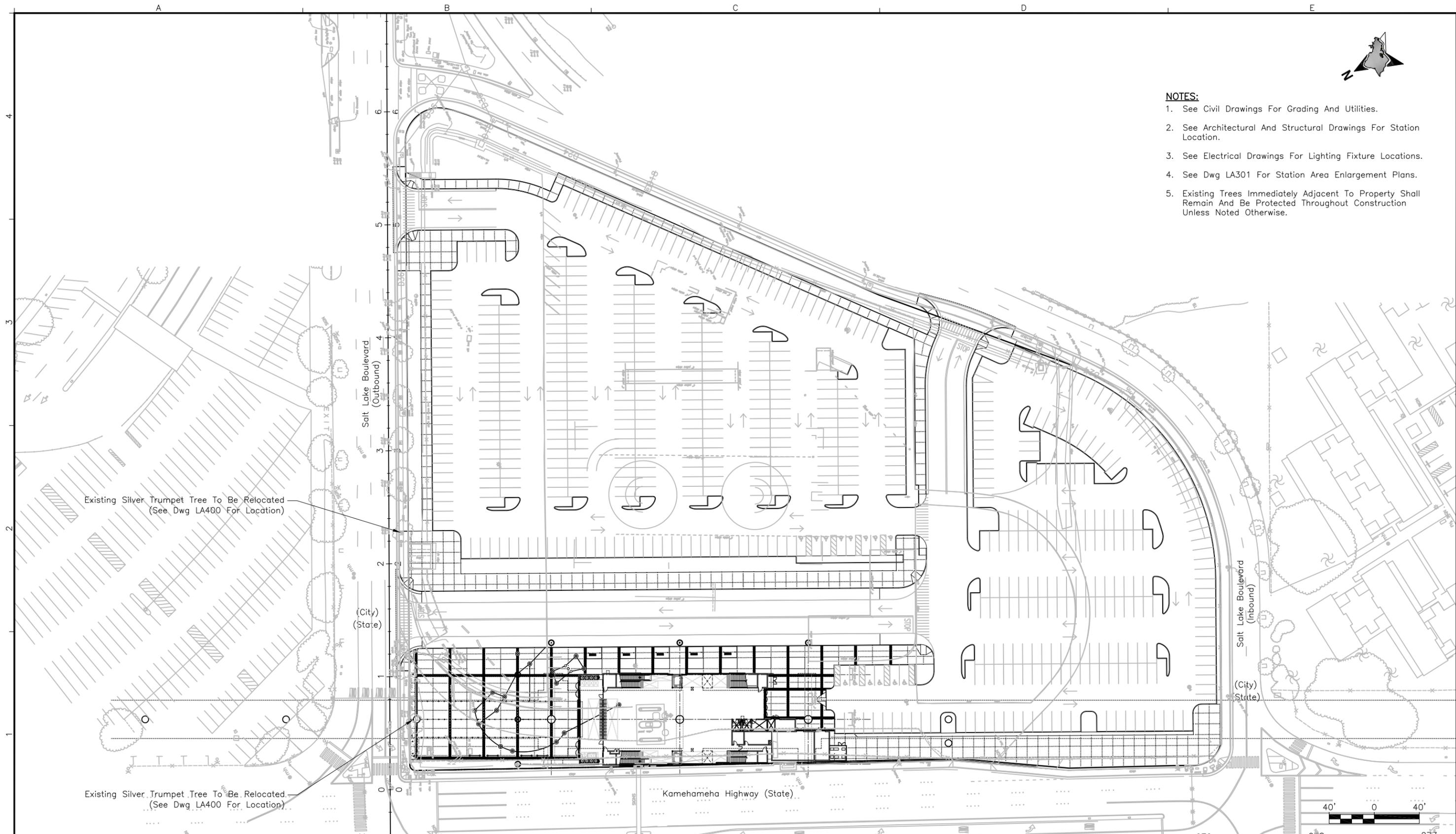
Prime Consultant:  
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841 Bishop Street, Suite 1888, Honolulu, HI 96813  
Phone: (808) 369-8108 www.anilverma.com

Subconsultant:  
Land Planning, Landscape Architecture, Environmental Studies, Graphic Design  
1001 Bishop Street, Suite 650 Honolulu HI, 96813 PH 808-521-5631

PBR HAWAII & ASSOCIATES, INC.

**ALOHA STADIUM STATION**  
**OVERALL LANDSCAPE SITE PLAN**

Contract No.: SC-HRT-1200111	
File: SJ1-J02-LA000	
Drawing No: LA000	Rev. B
Scale: 1"=40'-0"	
Page No. _____	of _____



- NOTES:**
1. See Civil Drawings For Grading And Utilities.
  2. See Architectural And Structural Drawings For Station Location.
  3. See Electrical Drawings For Lighting Fixture Locations.
  4. See Dwg LA301 For Station Area Enlargement Plans.
  5. Existing Trees Immediately Adjacent To Property Shall Remain And Be Protected Throughout Construction Unless Noted Otherwise.

Rev	By	Date	Description
B	SD	08-12-13	NTP 2 - Interim Design Submission
A	SD	04-22-13	NTP 1B - Revision to PE Submission

Designed:  
M Shimatsu  
Drawn:  
M McMillen  
Checked:  
R Higa  
Approved:  
S Duncan  
Date:  
08-08-13

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

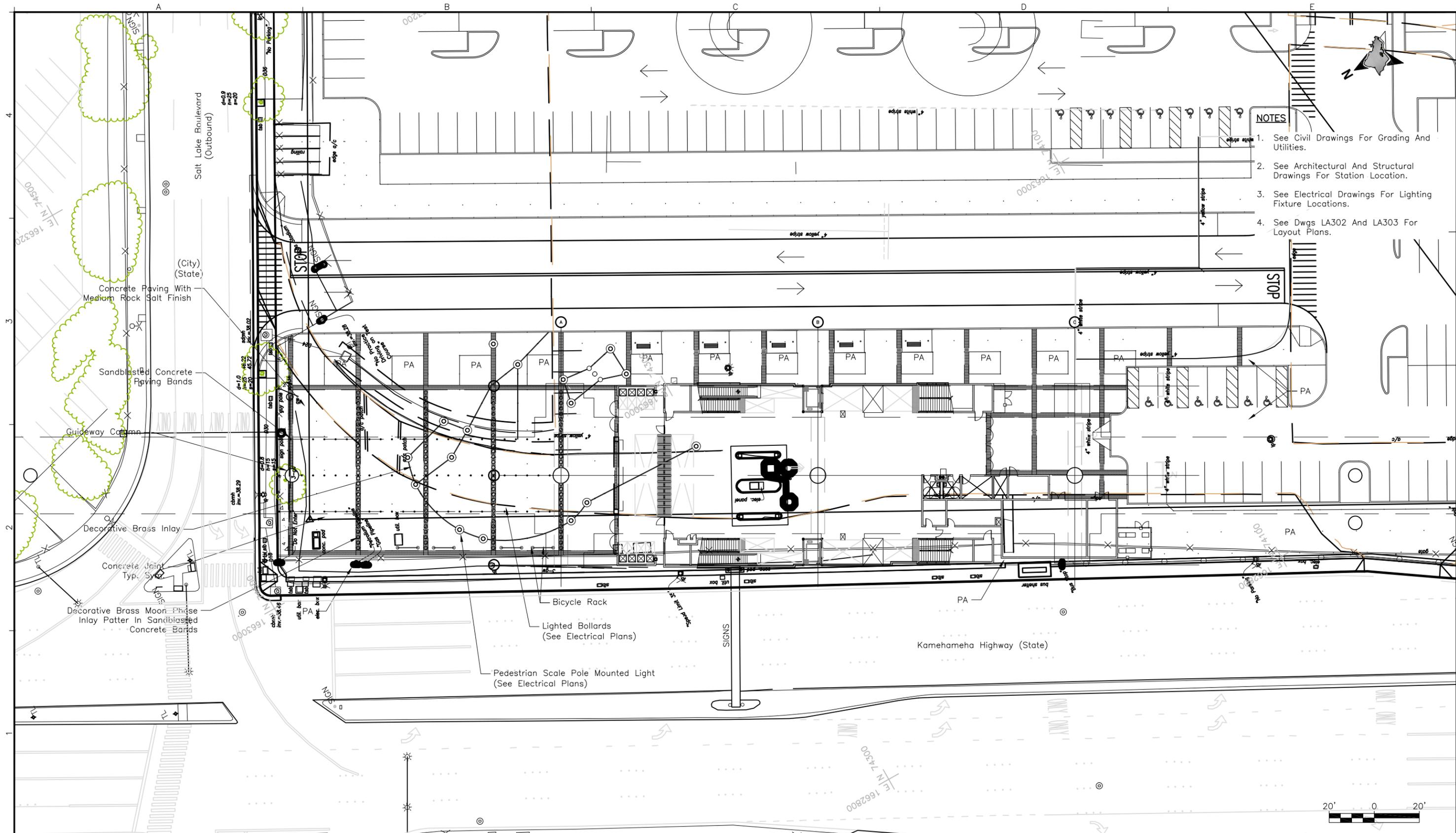
Prime Consultant:  
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Subconsultant:  
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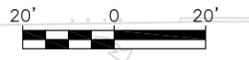
**PBR HAWAII & ASSOCIATES, INC.**

**ALOHA STADIUM STATION**  
**OVERALL HARDSCAPE PLAN**

Contract No.: SC-HRT-1200111  
File: SJ1-J03-LA300  
Drawing No: LA300 Rev. B  
Scale: 1" = 40'-0"  
Page No. of



- NOTES**
1. See Civil Drawings For Grading And Utilities.
  2. See Architectural And Structural Drawings For Station Location.
  3. See Electrical Drawings For Lighting Fixture Locations.
  4. See DwgS LA302 And LA303 For Layout Plans.



Rev	By	Date	Description
B	SD	08-12-13	NTP 2 - Interim Design Submission
A	SD	04-22-13	NTP 1B - Revision to PE Submission

Designed:  
M Shimatsu  
Drawn:  
M McMillen  
Checked:  
R Higa  
Approved:  
S Duncan  
Date:  
08-08-13

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

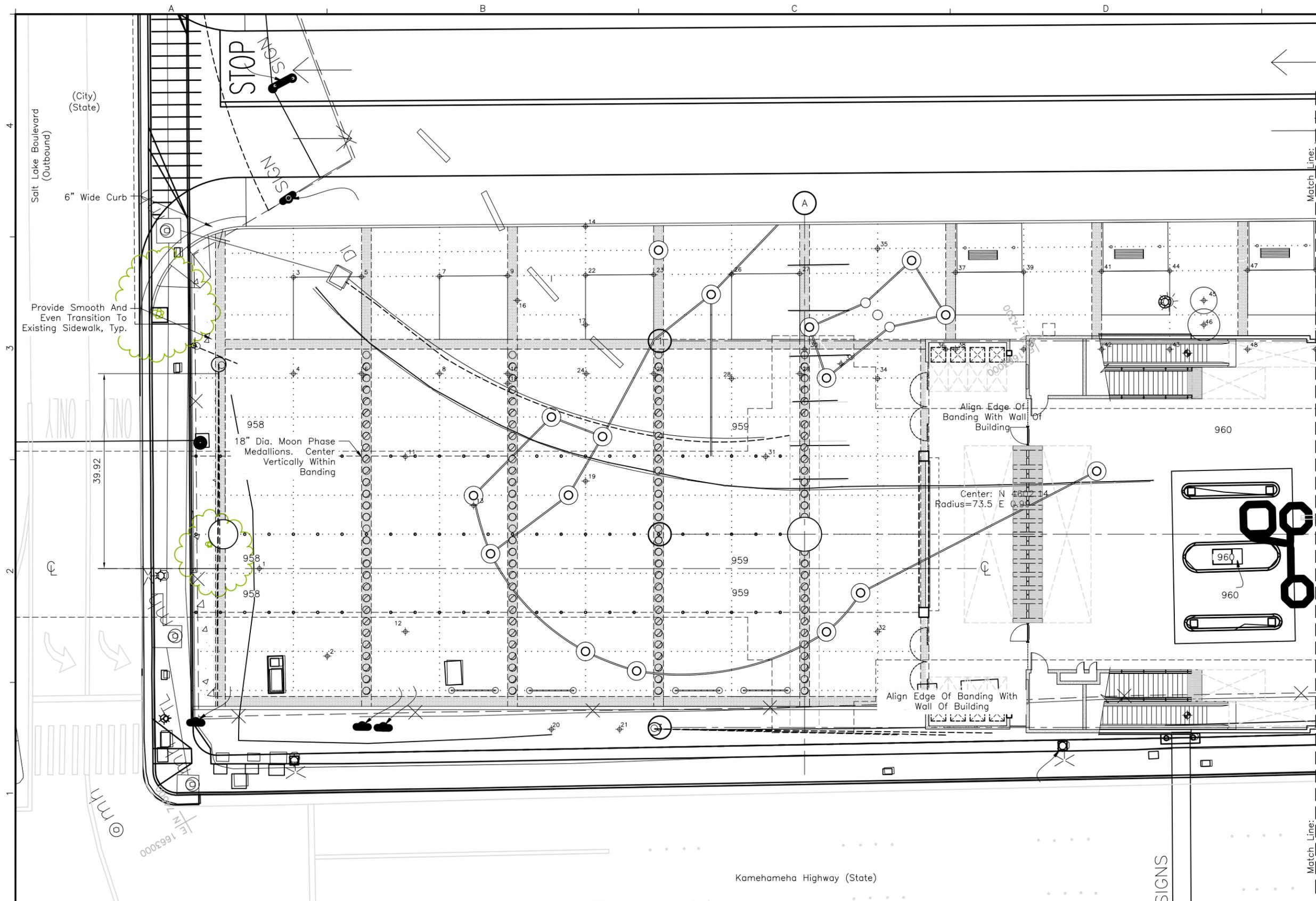
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**PBR HAWAII & ASSOCIATES, INC.**

**ALOHA STADIUM STATION**  
**ENLARGED HARDSCAPE PLAN**  
**STATION AREA**

Contract No.: SC-HRT-1200111  
File: SJ1-J03-LA301  
Drawing No: LA301  
Scale: 1" = 20'-0"  
Page No. of



**NOTES**

1. See Civil Drawings For Grading And Utilities.
2. See Architectural And Structural Drawings For Station Location.
3. See Electrical Drawings For Lighting Fixture Locations.
4. See Dwg LA700 For Schedule Of Northing-Easting Points.



Rev	By	Date	Description
B	SD	08-12-13	NTP 2 - Interim Design Submission
A	SD	04-22-13	NTP 1B - Revision to PE Submission

Designed:  
M Shimatsu  
Drawn:  
M McMillen  
Checked:  
R Higa  
Approved:  
S Duncan  
Date:  
08-08-13

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HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

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**PBR HAWAII & ASSOCIATES, INC.**

**ALOHA STADIUM STATION**  
**LAYOUT PLAN**  
**STATION AREA**  
**SHEET 1 OF 2**

Contract No.: SC-HRT-1200111	
File: SJ1-J03-LA302	
Drawing No: LA302	Rev. B
Scale: 1" = 10'-0"	
Page No.	of