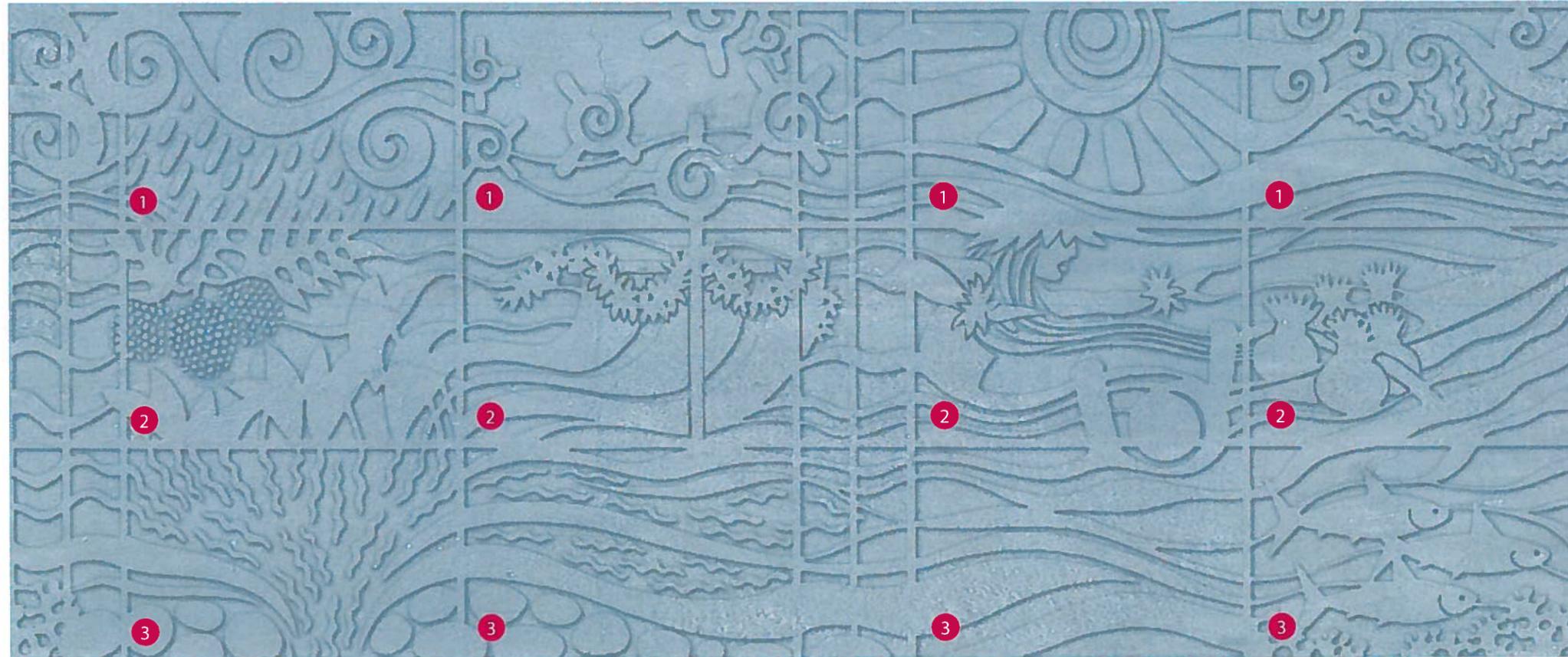


TYPICAL STATION COLUMN TREATMENT:

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. LA

- 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

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

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
Phone: (510) 834-4118 Fax: (510) 834-4121 www.anilverma.com

Subconsultant: Land Planning, Landscape Architecture, Environmental Studies, Graphic Design
1021 Bishop Street, Suite 600 Honolulu HI, 96813 www.pbrhawaii.com PIV 809-521-0531

PBR HAWAII & ASSOCIATES, INC.

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ALOHA STADIUM STATION
PLANT PHOTO BOARD

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CADD File:	
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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

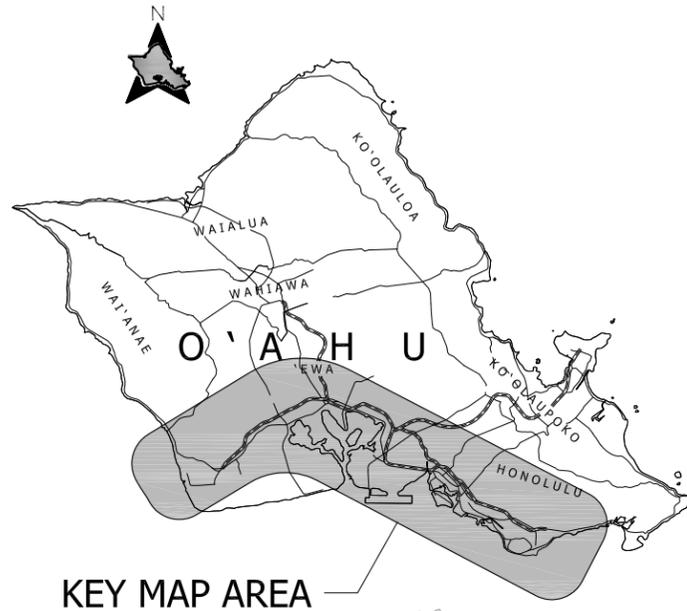
Prepared for:
HRT

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

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7	GN011		STANDARD PLAN SUMMARY STATE OF HAWAII (HDOT) - SHEET 1 OF 2
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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.**
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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

HONOLULU RAIL TRANSIT PROJECT
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

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

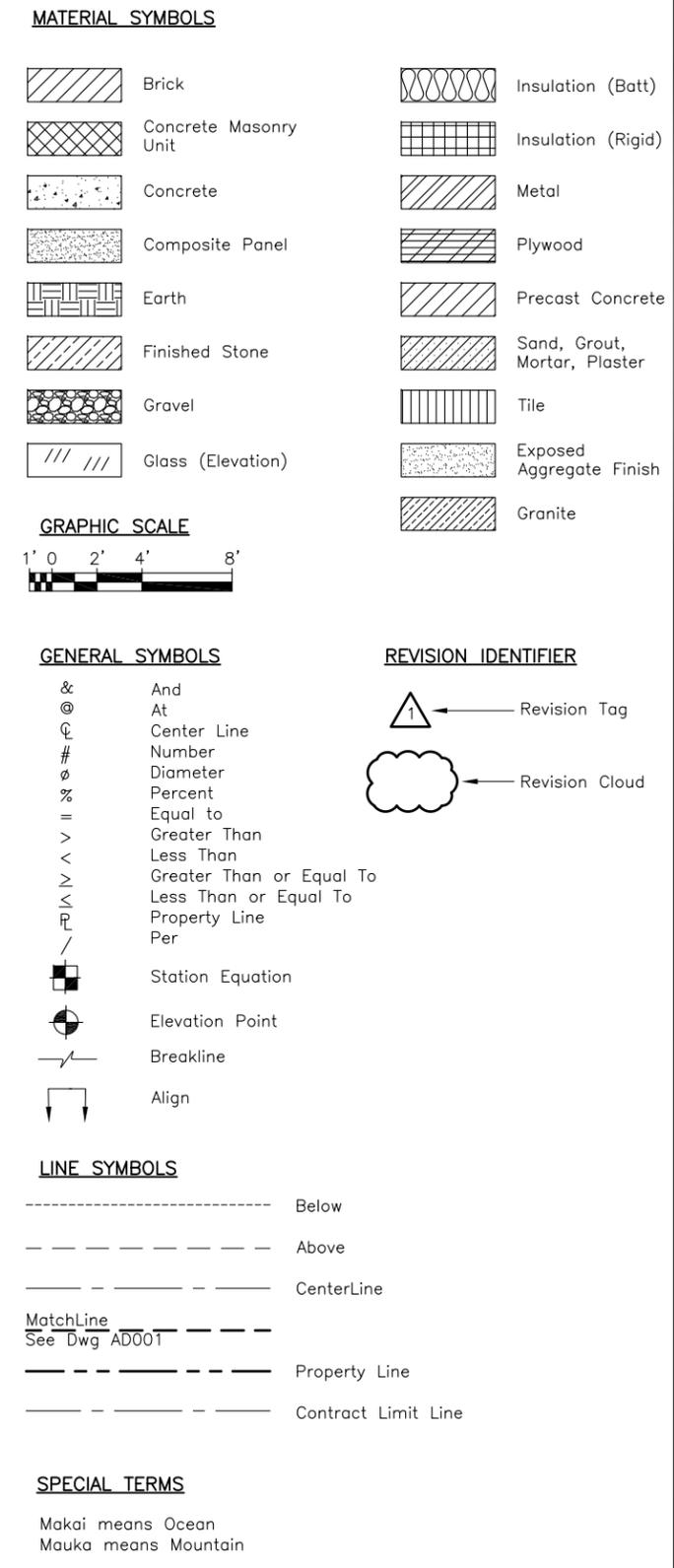
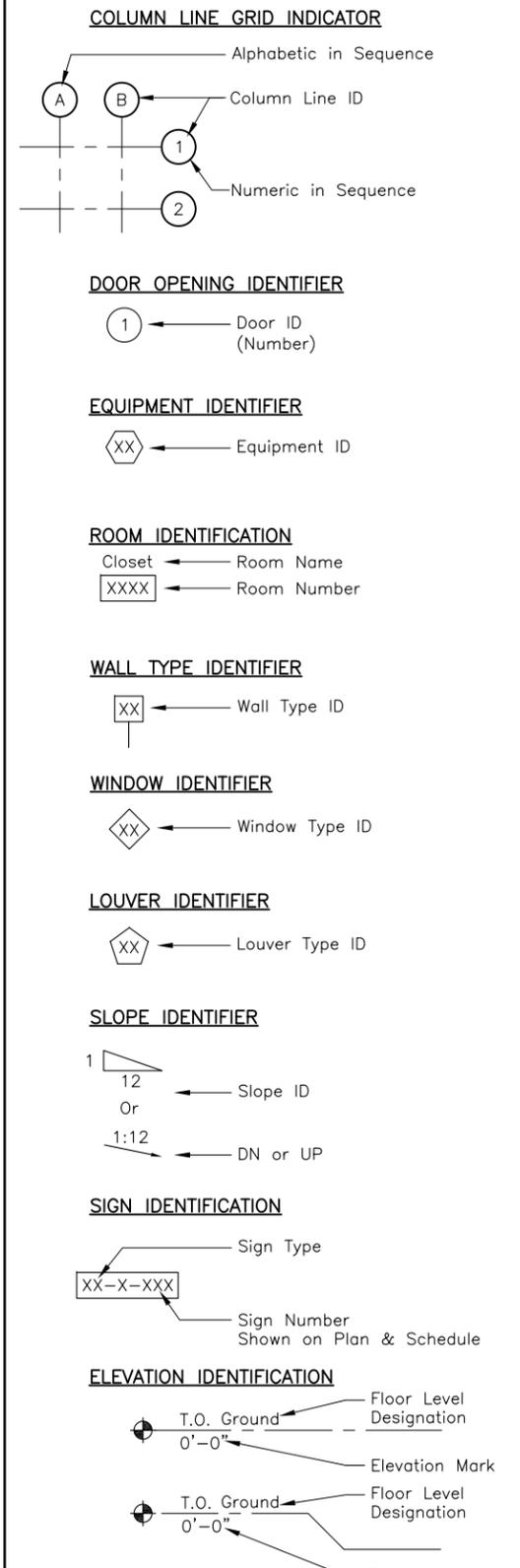
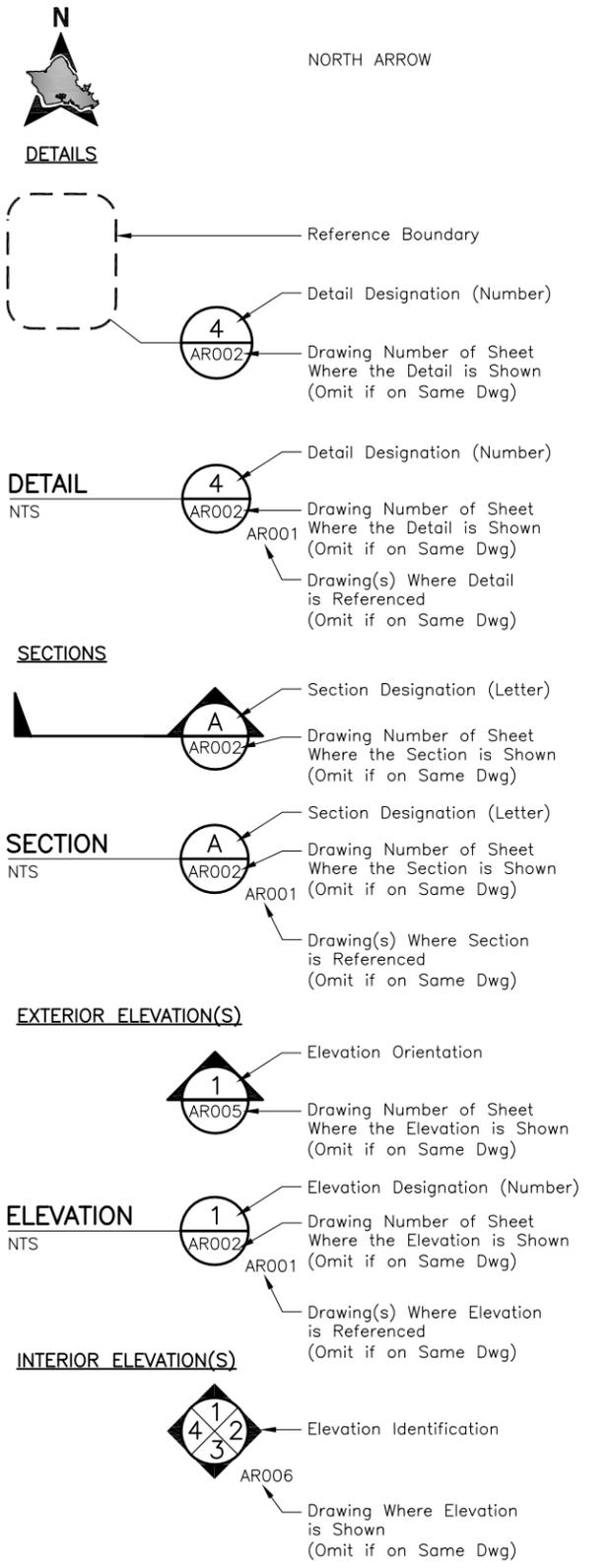
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Contract No.: SC-HRT-1200111	
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GENERAL ARCHITECTURAL NOTES

- 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

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fostering relationships that enhance creative solutions

ALOHA STADIUM STATION

**GENERAL ARCHITECTURAL NOTES
SYMBOLS, AND ABBREVIATIONS**

SHEET 1 OF 3

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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 & 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 EI 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 & 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 LA Length 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 & 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">HONOLULU RAIL TRANSIT PROJECT HONOLULU AUTHORITY FOR RAPID TRANSPORTATION</p> <p>Prime Consultant:  Anil Verma Associates, Inc. 841 Bishop Street, Suite 1888, Honolulu, HI 96813 Phone: (808) 369-8108 www.anilverma.com</p> <p>Subconsultant: kya design group fostering relationships that enhance creative solutions</p>				<p align="center">ALOHA STADIUM STATION</p> <p align="center">GENERAL ARCHITECTURAL NOTES SYMBOLS, AND ABBREVIATIONS</p> <p align="center">SHEET 2 OF 3</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	T	Top
RB	Resilient Base	T.O.	Top of
RC	Reinforced Concrete	T&B	Top and Bottom
RCP	Reinforced Concrete Pipe	Tan	Tangent
RD	Roof Drain	TBD	To Be Determined
Rdwy	Roadway	TC	Top of Curb
Rect	Rectangle	TCCR	Train Control & Communications Room
Ref	Reference	TD	Trench Drain
Refl	Reflect, Reflected, Reflective, Reflector	TDD	Telecommunications Device for the Deaf
Reinf	Reinforce, Reinforcing, Reinforcement	Tel	Telephone
Repl	Replace	Tele	Telescoping
Reqd	Required	Temp	Temporary, Temperature
Resil	Resilient	TG	Top of Grate
Ret	Return, Retain, Retaining	T&G	Tongue and Groove
Rev	Revised, Revision	Thk	Thick, Thickness
Rfg	Roofing	TL	Traffic Light
RH	Right Hand	TOC	Top of Concrete
Rm	Room	TOR	Top of Rail
RO	Rough Opening	TOS	Top of Steel
ROW	Right-of-Way	Tot	Total
Rt	Right	TOW	Top of Wall
RT	Resilient Tile	TP	Top of Pavement
R/T	Right Track	TPD	Toilet Paper Dispenser
RW	Retaining Wall	TPSS	Traction Power Substation
		Tr	Tread
		TV	Television, Ticket Validator
		TVM	Ticket Vending Machine
		Typ	Typical
S	South	T/C	Top of Curb
San	Sanitary	T/R	Top of Rail
SB	Southbound	T/P	Top of Platform
SC	Solid Core		
SCD	Seat Cover Dispenser	UB	Utility Box
Sch	Schedule	UC	Undercut
SD	Soap Dispenser	UD	Underdrain
SE	Southeast	UL	Underwriter's Laboratories
Sect	Section	Unf	Unfinished
SF	Square Foot, Square Feet	Unk	Unknown
SFP	Site Finish Plan	UNO	Unless Noted Otherwise
Sgl	Single	UPE	Under Platform Exhaust
Sht	Sheet	UR	Urinal
Sim	Similar	UST	Underground Storage Tank
SIP	Support in Place	Util	Utility
SL	Street Light	UWP	Upper Working Point
SLC	Street Light Conduit		
SLPB	Street Light Pull Box	V	Vertical
SND	Sanitary Napkin Dispenser	Vac	Vacuum
SNR	Sanitary Napkin Receptacle	Var	Variable, Varies
Spa.	Spaces, Spacing	VCT	Vinyl Composition Tile
Spec	Specification	Vent	Ventilate, Ventilation
Spkr	Speaker	Vert	Vertical
Spr	Sprinkler	Vest	Vestibule
Sq	Square	VIF	Verify in Field
SS	Service Sink, Stainless Steel	Viv	Valve
St	Street	VMS	Variable Message Sign
Sta	Station, Stationing	VoIP	Voice over Internet Protocol
StaC	Station Contractor	Vt	Vent
Std	Standard		
Stl	Steel	W	West, Wide, Width
Stor	Storage	w/	With
Str	Structure	w/o	Without
Strl	Structural	WB	Westbound
Supv	Supervisor, Supervise	WC	Water Closet
Susp	Suspended	WCR	Wheel Chair Ramp
SW	Southwest	Wd	Wood
SY	Square Yard	Whse	Warehouse
Sym	Symmetrical	WI	Wrought Iron
Sys	System	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

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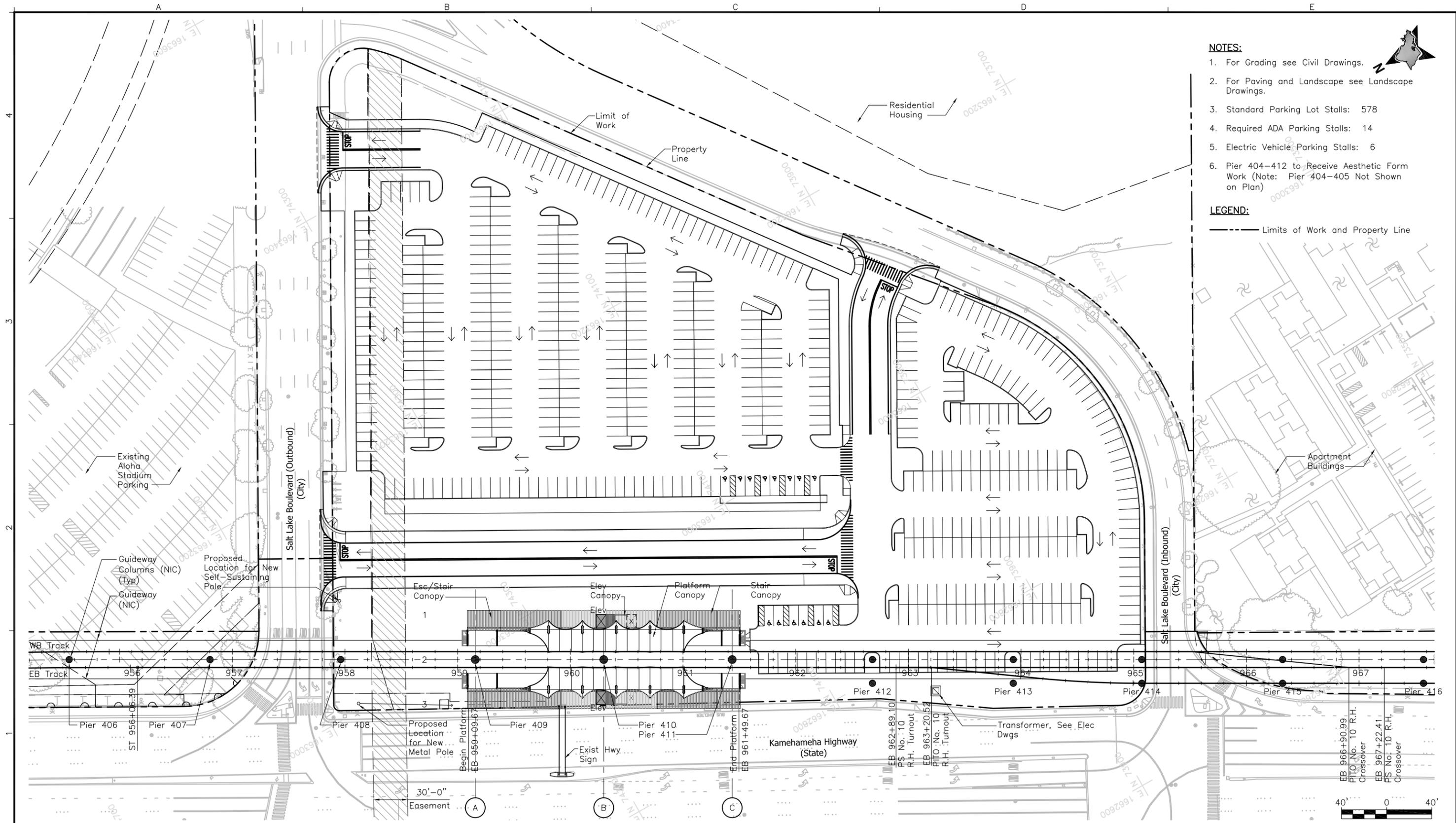
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ALOHA STADIUM STATION

**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

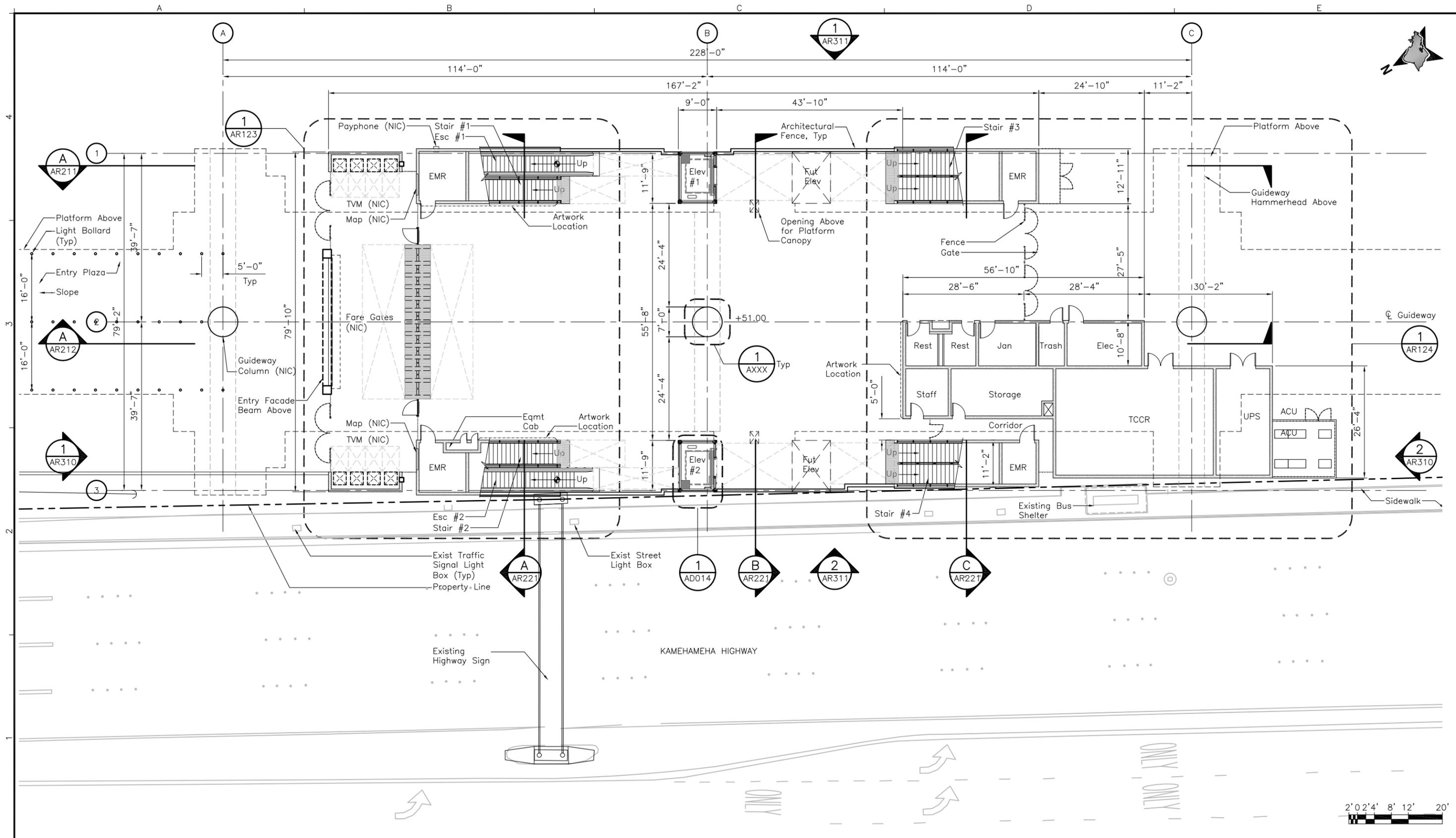
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ALOHA STADIUM STATION
ARCHITECTURAL SITE PLAN

Contract No.:	SC-HRT-1200111
File:	SJ1-H02-AR101
Drawing No.:	AR101
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
Checked:	M Walter
Approved:	R Kato
Date:	08-12-13

HONOLULU RAIL TRANSIT PROJECT
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

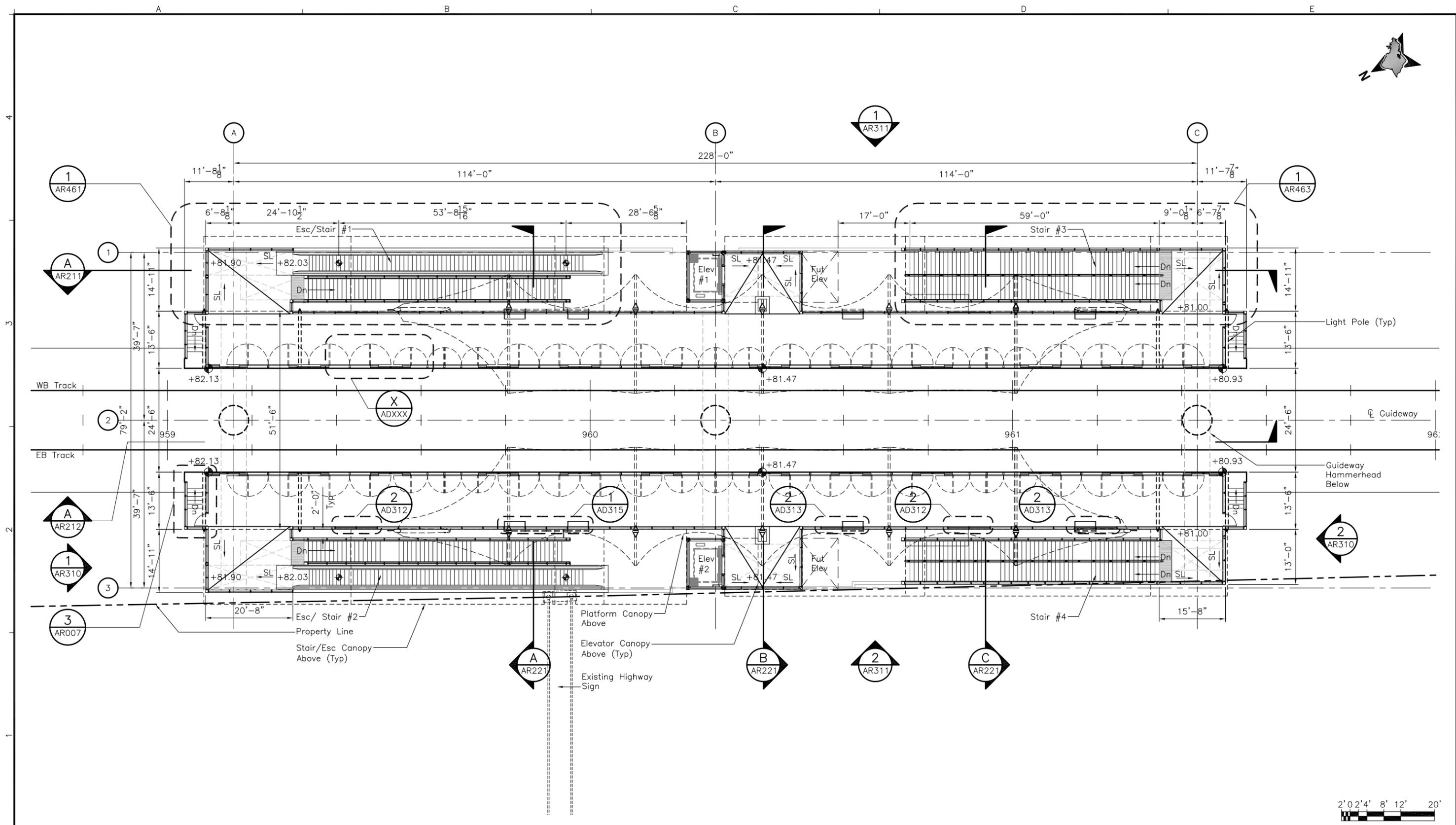
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ALOHA STADIUM STATION
GROUND LEVEL PLAN

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
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

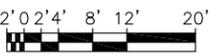
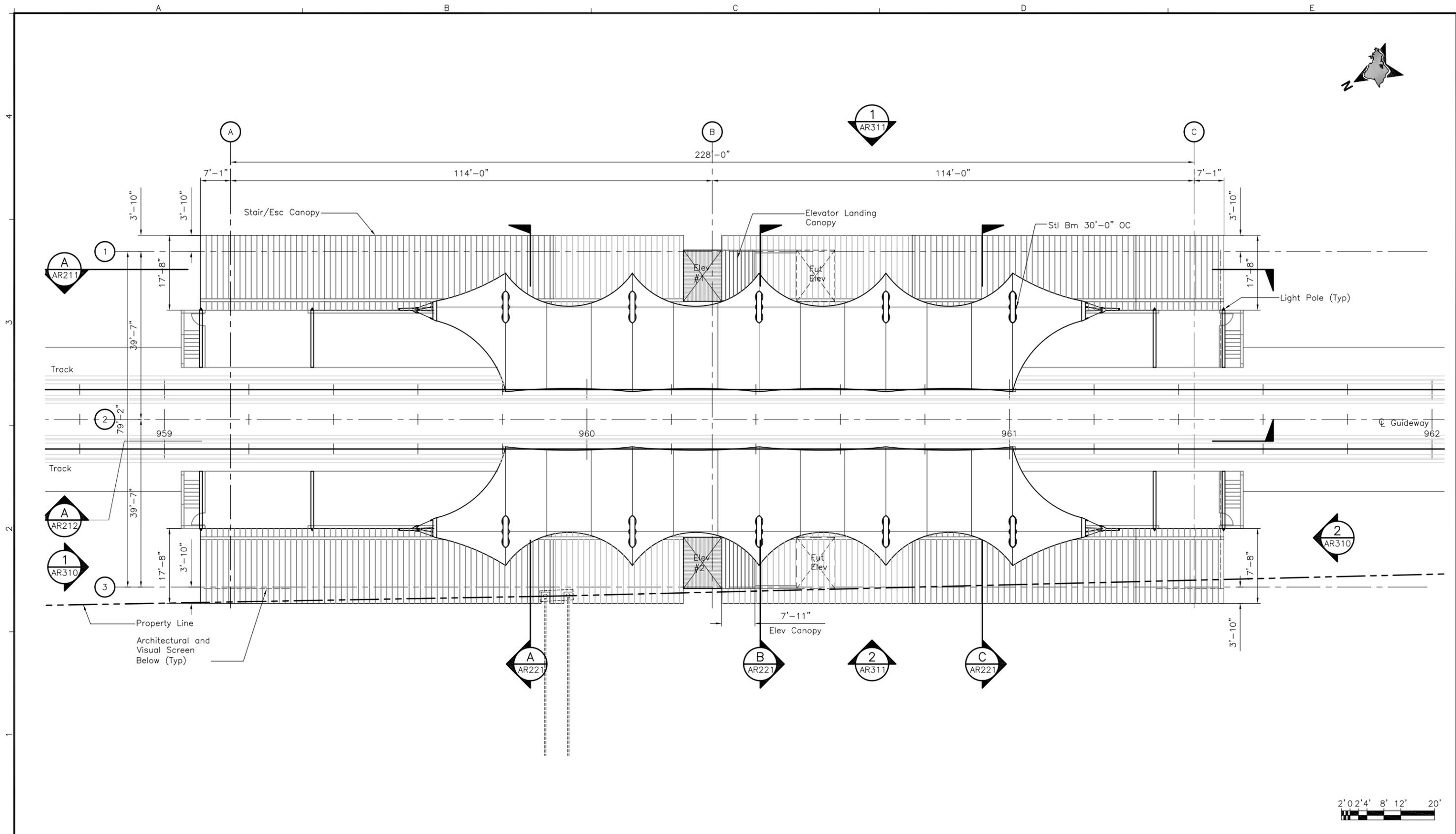
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ALOHA STADIUM STATION
PLATFORM LEVEL PLAN

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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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