

CALIFORNIA HIGH-SPEED TRAIN

Project Environmental Impact Report/Environmental Impact Statement

Final EIR/EIS
Fresno to Bakersfield Section

Volume III:
Alignments and Other Plans

Section E
Station Plans

April 2014



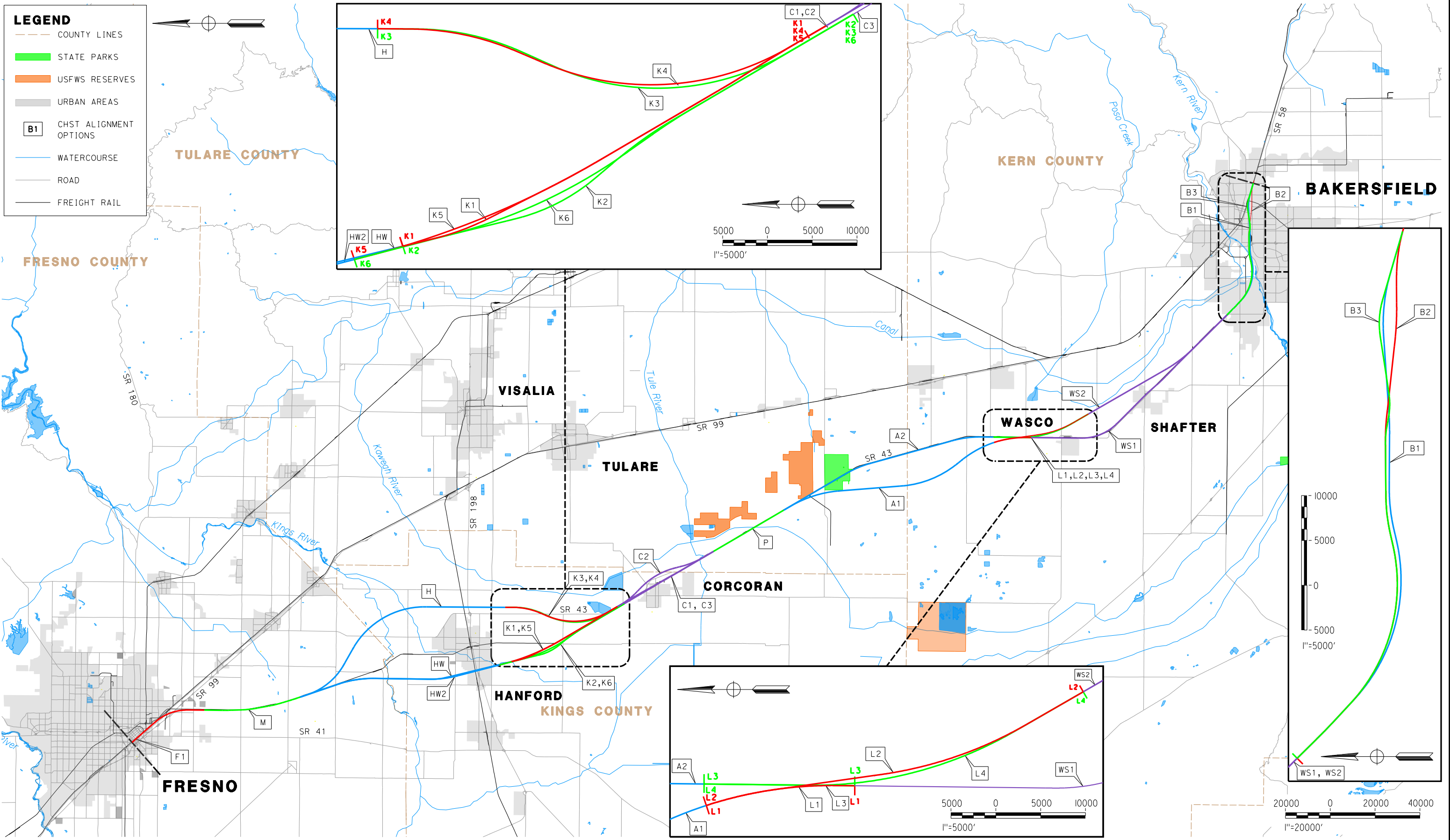
CALIFORNIA
High-Speed Rail Authority



U.S. Department of Transportation
Federal Railroad Administration

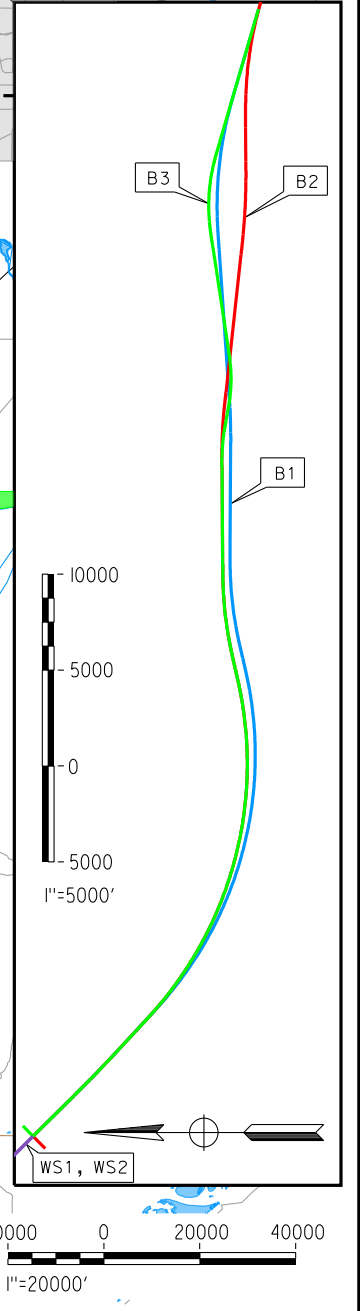
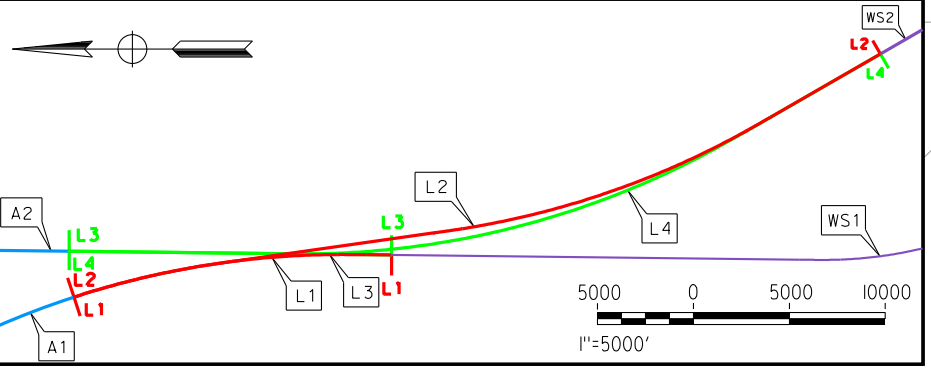
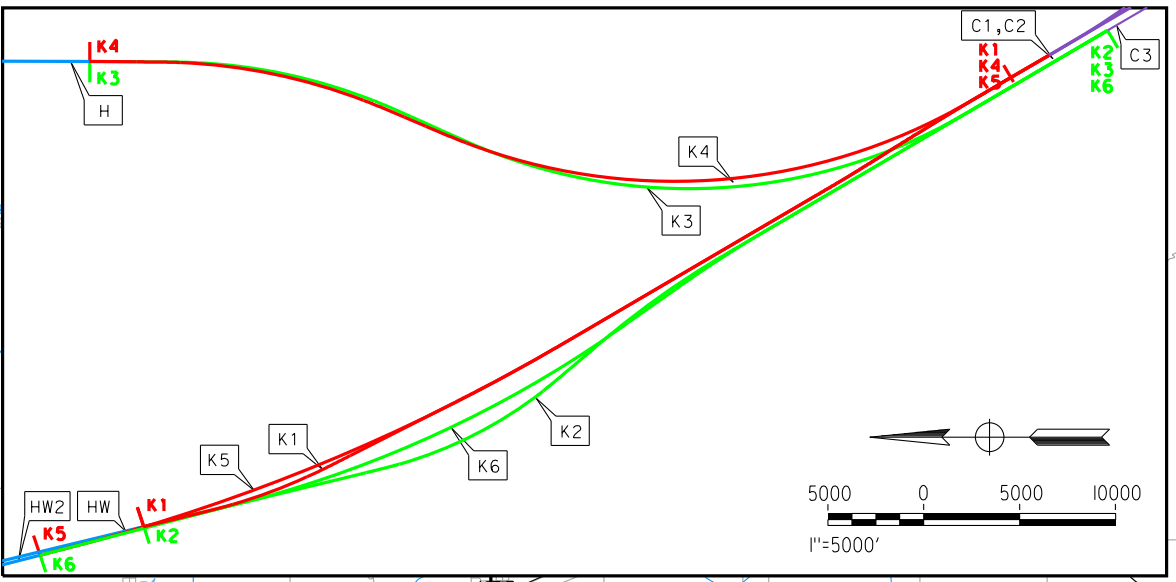


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LEGEND

- COUNTY LINES
- STATE PARKS
- USFWS RESERVES
- URBAN AREAS
- B1 CHST ALIGNMENT OPTIONS
- WATERCOURSE
- ROAD
- FREIGHT RAIL



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. SEYMOUR
DRAWN BY
P. TONKIN
CHECKED BY
D. HUNT
IN CHARGE
R. COFFIN
DATE
12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

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CONSTRUCTION**

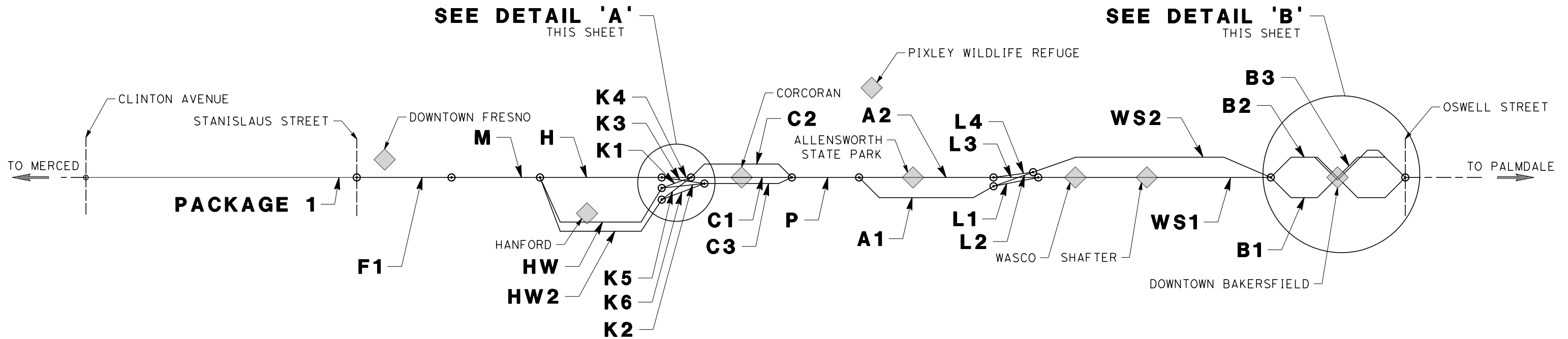
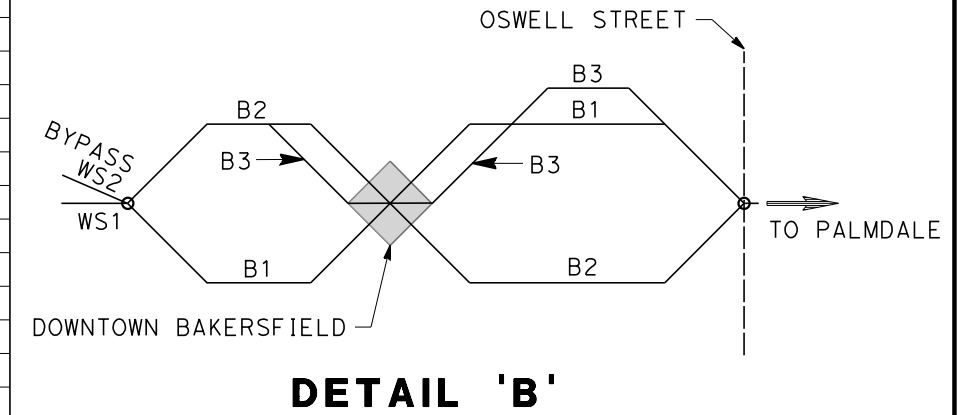
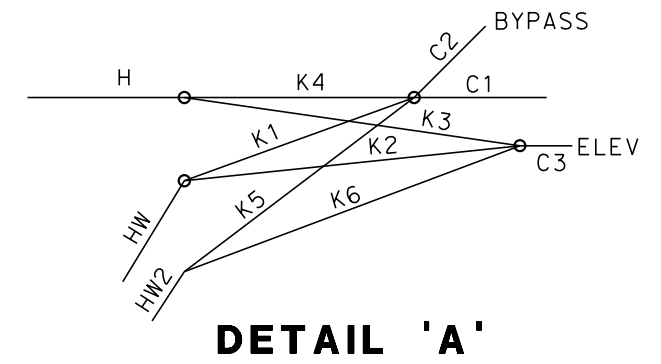


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

ALIGNMENT
LOCATION MAP

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB0001
SCALE
AS SHOWN
SHEET NO.
1 OF 5

SUBSECTION CODE	NAME	LENGTH (MI)	EIR-EIS ALTERNATIVE
F1	FRESNO SUBSECTION	7.00	BNSF
M	MONMOUTH SUBSECTION	8.24	BNSF
H	HANFORD SUBSECTION	20.45	BNSF (HANFORD EAST)
HW	HANFORD WEST BYPASS SUBSECTION	18.27	HANFORD WEST BYPASS 1 & 2
HW2	HANFORD WEST BYPASS SUBSECTION	17.22	HANFORD WEST BYPASS 1 & 2 MODIFIED
K1	KAWEAH SUBSECTION	10.12	HANFORD WEST BYPASS 2 (AT-GRADE) (CONNECTS TO C1 [CORCORAN ELEVATED] OR C2 [CORCORAN BYPASS])
K2	KAWEAH SUBSECTION	10.83	HANFORD WEST BYPASS 1 (AT-GRADE) (CONNECTS TO C3 [BNSF THROUGH CORCORAN])
K3	KAWEAH SUBSECTION	10.61	BNSF (HANFORD EAST) (CONNECTS TO C3 [BNSF THROUGH CORCORAN])
K4	KAWEAH SUBSECTION	9.92	BNSF (HANFORD EAST) (CONNECTS TO C1 [CORCORAN ELEVATED] OR C2 [CORCORAN BYPASS])
K5	KAWEAH SUBSECTION	11.17	HANFORD WEST BYPASS 2 MODIFIED (BELOW-GRADE) (CONNECTS TO C1 [CORCORAN ELEVATED] OR C2 [CORCORAN BYPASS])
K6	KAWEAH SUBSECTION	11.84	HANFORD WEST BYPASS 1 MODIFIED (BELOW-GRADE) (CONNECTS TO C3 [BNSF THROUGH CORCORAN])
C1	CORCORAN SUBSECTION	9.36	CORCORAN ELEVATED
C2	CORCORAN BYPASS SUBSECTION	9.49	CORCORAN BYPASS
C3	CORCORAN SUBSECTION	8.74	BNSF (THROUGH CORCORAN)
P	PIXLEY SUBSECTION	6.88	BNSF
A1	ALLENSWORTH BYPASS SUBSECTION	19.05	ALLENSWORTH BYPASS
A2	THROUGH ALLENSWORTH SUBSECTION	19.03	BNSF (THROUGH ALLENSWORTH)
L1	POSO CREEK SUBSECTION	3.18	ALLENSWORTH BYPASS (CONNECTS TO BNSF [THROUGH WASCO-SHAFTER])
L2	POSO CREEK SUBSECTION	8.41	ALLENSWORTH BYPASS (CONNECTS TO WASCO-SHAFTER BYPASS)
L3	POSO CREEK SUBSECTION	3.18	BNSF (THROUGH ALLENSWORTH) (CONNECTS TO BNSF [THROUGH WASCO-SHAFTER])
L4	POSO CREEK SUBSECTION	8.43	BNSF (THROUGH ALLENSWORTH) (CONNECTS TO WASCO-SHAFTER BYPASS)
WS1	THROUGH WASCO-SHAFTER SUBSECTION	20.63	BNSF (THROUGH WASCO-SHAFTER)
WS2	WASCO-SHAFTER BYPASS SUBSECTION	14.49	WASCO-SHAFTER BYPASS
B1	BAKERSFIELD URBAN SUBSECTION	11.95	BNSF (BAKERSFIELD NORTH)
B2	BAKERSFIELD URBAN SUBSECTION	11.88	BAKERSFIELD SOUTH
B3	BAKERSFIELD URBAN SUBSECTION	11.95	BAKERSFIELD HYBRID



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K. SEYMOUR

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

ALIGNMENT
SUBSECTION DIAGRAM

CONTRACT NO.
HSR 06-0003

DRAWING NO.
CB0002

SCALE
NTS

SHEET NO.
2 OF 5

GENERAL SHEETS

DRAWING No	DRAWING DESCRIPTION	SHEET No.
CB0001	FRESNO TO BAKERSFIELD - ALIGNMENT LOCATION MAP	1 OF 5
CB0002	FRESNO TO BAKERSFIELD - ALIGNMENT SUBSECTION DIAGRAM	2 OF 5
A0002	FRESNO TO BAKERSFIELD - STATIONS DRAWINGS - INDEX OF SHEETS	3 OF 5
A0003	FRESNO TO BAKERSFIELD - STATIONS DRAWINGS - GENERAL ABBREVIATIONS	4 OF 5
A0004	FRESNO TO BAKERSFIELD - STATIONS DRAWINGS - GENERAL ABBREVIATIONS	5 OF 5

FRESNO STATION - MARIPOSA ALTERNATIVE

DRAWING No	DRAWING DESCRIPTION	SHEET No.
A1101	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - GROUND LEVEL SITE PLAN	1 OF 15
A1102	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - ROOF LEVEL SITE PLAN	2 OF 15
A1110	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - GROUND LEVEL/PLATFORM KEY PLAN	3 OF 15
A1111	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - EAST ENTRY FLOOR PLAN	4 OF 15
A1112	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - WEST ENTRY/PLATFORM FLOOR PLAN	5 OF 15
A1120	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - CONCOURSE KEY PLAN	6 OF 15
A1121	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - EAST CONCOURSE FLOOR PLAN	7 OF 15
A1122	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - WEST CONCOURSE FLOOR PLAN	8 OF 15
A1130	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - ROOF KEY PLAN	9 OF 15
A3101	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - BUILDING SECTIONS	10 OF 15
A3102	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - BUILDING SECTIONS	11 OF 15
A6101	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - ROOM SCHEDULE	12 OF 15
A9101	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - AXONOMETRIC VIEWS	13 OF 15
A9102	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - 3D ELEVATION VIEWS	14 OF 15
A9103	FRESNO SUBSECTION - ALIGNMENT F1 - FRESNO STATION - MARIPOSA ALTERNATIVE - 3D ELEVATION VIEWS	15 OF 15

KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE

DRAWING No	DRAWING DESCRIPTION	SHEET No.
A1301	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - ROOF LEVEL SITE PLAN	1 OF 13
A1302	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - GROUND LEVEL SITE PLAN	2 OF 13
A1310	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - CONCOURSE KEY PLAN	3 OF 13
A1311	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - CONCOURSE FLOOR PLAN	4 OF 13
A1320	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - PLATFORM KEY PLAN	5 OF 13
A1321	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - PLATFORM FLOOR PLAN	6 OF 13
A1330	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - ROOF KEY PLAN	7 OF 13
A3301	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - BUILDING SECTIONS	8 OF 13
A3302	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - BUILDING SECTIONS	9 OF 13
A6301	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - ROOM SCHEDULE	10 OF 13
A9301	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - AXONOMETRIC VIEWS	11 OF 13
A9302	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - 3D ELEVATION VIEWS	12 OF 13
A9303	HANFORD SUBSECTION - ALIGNMENT H - KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE - 3D ELEVATION VIEWS	13 OF 13

KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)

DRAWING No	DRAWING DESCRIPTION	SHEET No.
A1601	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) STATION AREA CONTEXT PLAN	1 OF 14
A1602	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) STATION SITE PLAN	2 OF 14
A1611	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) CONCOURSE KEY PLAN	3 OF 14
A1612	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) CONCOURSE DETAIL PLAN	4 OF 14
A1620	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) PLATFORM KEY PLAN	5 OF 14
A1621	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) PLATFORM FLOOR PLAN	6 OF 14
A1630	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) ROOF KEY PLAN	7 OF 14
A1641	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) UNDERCROSSING LEVEL FLOOR PLAN	8 OF 14
A3601	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) BUILDING SECTIONS	9 OF 14
A6601	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) ROOM SCHEDULE	10 OF 14
A9601	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) AERIAL VIEW - CONTEXT	11 OF 14
A9602	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) AERIAL VIEW - CAMPUS	12 OF 14
A9603	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) 3D ELEVATION VIEWS	13 OF 14
A9604	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION) 3D ELEVATION VIEWS	14 OF 14

KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)

DRAWING No	DRAWING DESCRIPTION	SHEET No.
A1701	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) STATION AREA CONTEXT PLAN	1 OF 14
A1702	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) STATION SITE PLAN	2 OF 14
A1710	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) CONCOURSE KEY PLAN	3 OF 14
A1712	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) CONCOURSE DETAIL PLAN	4 OF 14
A1720	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) PLATFORM KEY PLAN	5 OF 14
A1722	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) PLATFORM DETAIL PLAN	6 OF 14
A1730	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) ROOF KEY PLAN	7 OF 14
A3701	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) BUILDING SECTIONS	8 OF 14
A3702	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) BUILDING SECTION	9 OF 14
A6701	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) ROOM SCHEDULE	10 OF 14
A9701	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) AERIAL VIEW - CONTEXT	11 OF 14
A9702	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) AERIAL VIEW - CAMPUS	12 OF 14
A9703	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) 3D ELEVATION VIEWS	13 OF 14
A9704	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION) 3D ELEVATION VIEWS	14 OF 14

BAKERSFIELD STATION - NORTH ALTERNATIVE

DRAWING No	DRAWING DESCRIPTION	SHEET No.
A1401	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - GROUND LEVEL SITE PLAN	1 OF 14
A1402	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - ROOF LEVEL SITE PLAN	2 OF 14
A1410	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - CONCOURSE KEY PLAN	3 OF 14
A1411	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - CONCOURSE FLOOR PLAN	4 OF 14
A1421	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - PEDESTRIAN OVERCROSSING FLOOR PLAN	5 OF 14
A1430	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - PLATFORM KEY PLAN	6 OF 14
A1431	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - PLATFORM FLOOR PLAN	7 OF 14
A1440	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - ROOF KEY PLAN	8 OF 14
A3401	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - BUILDING SECTION	9 OF 14
A3402	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - BUILDING SECTION	10 OF 14
A6401	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - ROOM SCHEDULE	11 OF 14
A9401	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - AXONOMETRIC VIEWS	12 OF 14
A9402	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - 3D ELEVATION VIEWS	13 OF 14
A9403	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - BAKERSFIELD STATION - NORTH ALTERNATIVE - 3D ELEVATION VIEWS	14 OF 14

BAKERSFIELD STATION - SOUTH ALTERNATIVE

DRAWING No	DRAWING DESCRIPTION	SHEET No.
A1501	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - GROUND LEVEL SITE PLAN	1 OF 13
A1502	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - ROOF LEVEL SITE PLAN	2 OF 13
A1510	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - CONCOURSE KEY PLAN	3 OF 13
A1511	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - CONCOURSE FLOOR PLAN	4 OF 13
A1520	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - PLATFORM KEY PLAN	5 OF 13
A1521	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - PLATFORM FLOOR PLAN	6 OF 13
A1530	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - ROOF KEY PLAN	7 OF 13
A3501	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - BUILDING SECTION	8 OF 13
A3502	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - BUILDING SECTION	9 OF 13
A6501	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - ROOM SCHEDULE	10 OF 13
A9501	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - AXONOMETRIC VIEWS	11 OF 13
A9502	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - 3D ELEVATION VIEWS	12 OF 13
A9503	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - BAKERSFIELD STATION - SOUTH ALTERNATIVE - 3D ELEVATION VIEWS	13 OF 13

BAKERSFIELD STATION - (B3) HYBRID

DRAWING No	DRAWING DESCRIPTION	SHEET No.
A1801	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - SITE CONTEXT ROOF PLAN	1 OF 15
A1802	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - STATION SITE ROOF PLAN	2 OF 15
A1810	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - CONCOURSE KEY PLAN	3 OF 15
A1811	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - CONCOURSE FLOOR PLAN	4 OF 15
A1812	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - NORTH STATION FLOOR PLANS	5 OF 15
A1830	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - PLATFORM KEY PLAN	6 OF 15
A1831	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - PLATFORM FLOOR PLAN	7 OF 15
A1840	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - ROOF KEY PLAN	8 OF 15
A3801	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - BUILDING SECTIONS	9 OF 15
A3802	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - BUILDING SECTIONS	10 OF 15
A6801	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - ROOM SCHEDULE	11 OF 15
A9801	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - AXONOMETRIC VIEWS	12 OF 15
A9802	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - 3D ELEVATION VIEWS	13 OF 15
A9803	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - 3D ELEVATION VIEWS	14 OF 15
A9804	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - BAKERSFIELD STATION - (B3) HYBRID - AERIAL VIEW	15 OF 15

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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY D. BACKMAN
CHECKED BY F. KING
IN CHARGE E. NAOR
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
STATIONS DRAWINGS

INDEX OF SHEETS

CONTRACT NO. HSR 06-0003
DRAWING NO. A0002
SCALE
SHEET NO. 3 OF 5

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A

AB	AGGREGATE BASE
ABBC	ASBESTOS BONDED BITUMINOUS COATED
ABM	AIR-BLOWN MORTAR
ABN	ABANDON
ABUT	ABUTMENT
AC	ASPHALT CONCRETE
ACB	ASPHALT CONCRETE BASE
ACP	ASBESTOS CEMENT PIPE
ADL	ADDED DEAD LOAD
ADJ	ADJUST
ADMIN	ADMINISTRATION
AFES	ALTERNATIVE FLARED END SECTION
AHD	AHEAD
ALT	ALTERNATE
AM	TIME FROM MIDNIGHT TO NOON
AP	ALTERNATIVE PIPE
APC	ALTERNATIVE PIPE CULVERT
APPROX	APPROXIMATE
APU	ALTERNATIVE PIPE UNDERDRAIN
ARS	ACCELERATION RESPONSE SPECTRUM
AR	ACCESS RESTRICTION
AS	AGGREGATE SUBBASE
ASRP	ALUMINUM SPIRAL RIB PIPE
ASSY	ASSEMBLY
ATPB	ASPHALT TREATED PERMEABLE BASE
ATPM	ASPHALT TREATED PERMEABLE MATERIAL
AVE	AVENUE
AVG	AVERAGE
@	AT

B

BAGR	BRIDGE APPROACH GUARD RAILING
BB	BEGINNING OF BRIDGE
BC	BEGIN HORIZONTAL CURVE
BCC	BALANCED CANTILEVER CONSTRUCTION
BCR	BEGIN CURB RETURN
BEG	BEGIN
BIT CTD	BITUMINOUS COATED
BK	BACK
BKF	BACKFILL
BLDG	BUILDING
BLM	BRIDGE-LOG MILE
BLVD	BOULEVARD
BM	BENCH MARK
BND	BOUND
BNSF	BURLINGTON NORTHERN SANTA FE
BOT	BOTTOM
BR	BRIDGE
BRG	BEARING
BTU	BRITISH THERMAL UNIT
BVC	BEGIN VERTICAL CURVE
BW	BARBED WIRE

C

CAA	CABLE ANCHOR ASSEMBLY
CAP	CORRUGATED ALUMINUM PIPE
CAPA	CORRUGATED ALUMINUM PIPE ARCH
CAS	CONSTRUCTION AREA SIGN
CB	CONCRETE BARRIER
CBW	CONCRETE BLOCK WALL
C-C	CENTER TO CENTER

C CONTINUED

CHSRA	CALIFORNIA HIGH SPEED RAIL AUTHORITY
CHST	CALIFORNIA HIGH SPEED TRAIN
CHSR	CALIFORNIA HIGH SPEED RAIL
CG	CENTER OF GRAVITY
CHNL	CHANNEL
CI	CAST IRON
CIDH	CAST-IN-DRILLED-HOLE
CIP,C-I-P	CAST-IN-PLACE, CAST IRON PIPE
CIPCP	CAST IN PLACE CONCRETE PIPE
CISS	CAST-IN-STEEL-SHELL
CJP	COMPLETE JOINT PENETRATION
CL, C	CENTER LINE, CLASS
CL2	CLASS 2
CL-6	CHAIN LINK FENCE (6 FT)
CLR	CLEAR, CLEARANCE
CM	CORRUGATED METAL
CMP	CORRUGATED METAL PIPE
CO	COUNTY
COL	COLUMN
COMM	COMMUNICATION
CONC	CONCRETE
COND	CONDUIT
CONN	CONNECTOR
CONST	CONSTRUCT, CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
CP	CANDLEPOWER
CR	CREEK
CRCP	CONTINUOUS REINFORCED CONCRETE PAVEMENT
CRSP	CONCRETED ROCK SLOPE PROTECTION
CS	CURVE TO SPIRAL
CSP	CORRUGATED STEEL PIPE
CSPA	CORRUGATED STEEL PIPE ARCH
CTB	CEMENT TREATED BASE
CTPB	CEMENT TREATED PERMEABLE BASE
CTPM	CEMENT TREATED PERMEABLE MATERIAL
CTRS	CENTERS
CVFPB	CENTRAL VALLEY FLOOD PROTECTION BOARD
CULV	CULVERT
C	CENTERLINE

D

D	DEPTH
DD	DOWNDRAIN, DIRECTIVE DRILLING
DBL	DOUBLE
DEG	DEGREE
DEL	DELINEATOR
DET	DETAIL, DETOUR
DF	DOUGLAS FIR
DI	DRAINAGE INLET, DROP INLET
DIA	DIAMETER
DIAPH	DIAPHRAGM
DIST	DISTANCE, DISTRICT
DMBB	DOUBLE METAL BEAM BARRIER
DR	DRIVE
DTBB	DOUBLE THRIE BEAM BARRIER
DWG	DRAWING
DWY	DRIVEWAY

E

E	EAST, EASTING
EA	ACTUAL SUPERELEVATION

E CONTINUED

EU	UNBALANCED SUPERELEVATION
EASE	EASEMENT
EB	END OF BRIDGE, EASTBOUND
EC	END HORIZONTAL CURVE
ECR	END CURB RETURN
ED	EDGE DRAIN
EDC	EDGE DRAIN CLEANOUT
EDO	EDGE DRAIN OUTLET
EDV	EDGE DRAIN VENT
ELEC	ELECTROLIER, ELECTRICAL
ELECT	ELECTRIC
ELEV	ELEVATION
EMB	EMBANKMENT
ENGR	ENGINEER
EOD	EDGE OF DECK
EP	EDGE OF PAVEMENT
EQ	EQUATION, EQUAL
ES	EDGE OF SHOULDER
ETW	EDGE OF TRAVELED WAY
EVC	END VERTICAL CURVE
EW	ENDWALL
EXC	EXCAVATION
EXIST, EX.	EXISTING
EXP	EXPANSION,
EXP JT	EXPANSION JOINT
EXWY	EXPRESSWAY
EXT	EXTERIOR

F

F & C	FRAME AND COVER
F & G	FRAME AND GRATE
FB	FLOOR BEAM
F-B	FRESNO TO BAKERSFIELD
FDN	FOUNDATION
FEBT	FACING EASTBOUND TRAFFIC
FES	FLARED END SECTION
FF	FILTER FABRIC
FG	FINISHED GRADE
FH	FIRE HYDRANT
FIG	FIGURE
FL	FLOW LINE
FNBT	FACING NORTHBOUND TRAFFIC
FOC	FACE OF CONCRETE
FR RD	FRONTAGE ROAD
FS	FAR SIDE, FINISHED SURFACE
FSBT	FACING SOUTHBOUND TRAFFIC
FT	FOOT, FEET
FTG	FOOTING
FWBT	FACING WESTBOUND TRAFFIC
FWY	FREEWAY
FPLM	FULL SPAN PRECAST LAUNCHING METHOD

G

G	ACCELERATION DUE TO GRAVITY
GA	GAGE
GALV	GALVANIZED
GP	GRADING PLANE
GR	GUARD RAILING
GSP	GALVANIZED STEEL PIPE
GTR	GUTTER

H

H	HEIGHT
HR	HOUR
HD	HORIZONTAL DRAIN
HDWL	HEADWALL
HEX HD	HEXAGONAL HEAD
HMA	HOT MIXED ASPHALT
HORIZ	HORIZONTAL
HP	HINGE POINT, HORSEPOWER
HPS	HIGH PERFORMANCE STEEL
HS	HIGH STRENGTH
HST	HIGH SPEED TRAIN
HSR	HIGH SPEED RAIL
HW	HEADWALL, HIGH WATER
HWM	HIGH WATER MARK
HWY	HIGHWAY

I

IB	IMPORTED BORROW
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCH, INCHES
INT	INTERIOR
INV	INVERT
IRR	IRRIGATION

J

JCT	JUNCTION
JP	JOINT POLE
JPCP	JOINTED PLAIN CONCRETE PAVEMENT
JS	JUNCTION STRUCTURE
JT	JOINT

K

K	DISTANCE TO ACHIEVE 1% GRADE CHANGE
---	-------------------------------------

L

L	LENGTH
LAT	LATITUDE
LCB	LEAN CONCRETE BASE
LN	LANE
LOC	LOCATION
LOL	LAYOUT LINE
LONG	LONGITUDE
LONGIT	LONGITUDINAL
LS	LENGTH OF SPIRAL
LC	LENGTH OF CURVE
LT	LEFT

M

MACH	MACHINE
MAINT	MAINTENANCE
MAX	MAXIMUM
MB	METAL BEAM
MBB	METAL BEAM BARRIER
MBGR	METAL BEAM GUARD RAILING
MED	MEDIAN
M-F	MERCED TO FRESNO
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MISC I & S	IRON AND STEEL
MKR	MARKER
M/L	MAIN LINE (RAILWAY)

M CONTINUED

MOD	MODIFIED, MODIFY
MON	MONUMENT
MP	METAL PLATE
MPGR	METAL PLATE GUARD RAILING
MPH	MILES PER HOUR
MR	MOVEMENT RATING
MSE	MECHANICALLY STABILIZED EARTH
MTL	MATERIAL
MSS	MOVING SCAFFOLDING SYSTEM

N

N	NORTH, NORTHING
NB	NORTHBOUND
NO.	NUMBER (MUST HAVE PERIOD)
NOS.	NUMBERS (MUST HAVE PERIOD)
NPS	NOMINAL PIPE SIZE
NS	NEAR SIDE
NTS	NOT TO SCALE
N/A	NOT APPLICABLE

O

OBLR	OBLITERATE
OC	OVERCROSSING
OCS	OVERHEAD CONTACT SYSTEM
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OG	ORIGINAL GROUND
OGAC	OPEN GRADED ASPHALT CONCRETE
OH	OVERHEAD
O-O	OUT TO OUT
OPP	OPPOSITE

P

P	PAGE
PAP	PERFORATED ALUMINUM PIPE
PB	PULL BOX
PC	POINT OF CURVATURE, PRECAST
PCC	POINT OF COMPOUND CURVE,
	PORTLAND CEMENT CONCRETE
PCP	PERFORATED CONCRETE PIPE,
	PRESTRESSED CONCRETE PIPE
PCVC	POINT OF COMPOUND VERTICAL CURVE
PED	PEDESTRIAN
PED OC	PEDESTRIAN OVERCROSSING
PED UC	PEDESTRIAN UNDERCROSSING
PERM MTL	PERMEABLE MATERIAL
PG	PROFILE GRADE
PI	POINT OF INTERSECTION
PJP	PARTIAL JOINT PENETRATION
Â,PL	PLATE
P/L	PROPERTY LINE
PM	POST MILE, TIME FROM NOON TO MIDNIGHT
PN	PAVING NOTCH
POB	POINT OF BEGINNING
POC	POINT OF HORIZONTAL CURVE
POE	POINT OF ENDING
POT	POINT OF TANGENT
POVC	POINT OF VERTICAL CURVE
PP	PIPE PILE, PLASTIC PIPE, POWER POLE
PPL	PREFORMED PERMEABLE LINER
PPP	PERFORATED PLASTIC PIPE
PRC	POINT OF REVERSE CURVE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY E. NAOR
DRAWN BY D. BACKMAN
CHECKED BY F. KING
IN CHARGE E. NAOR
DATE 12/31/13

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
STATIONS DRAWINGS**

GENERAL ABBREVIATIONS

CONTRACT NO. HSR 06-0003
DRAWING NO. A0003
SCALE
SHEET NO. 4 OF 5

P CONTINUED

PRF PAVEMENT REINFORCING FABRIC
 PRVC POINT OF REVERSE VERTICAL CURVE
 PS&E PLANS, SPECIFICATIONS AND ESTIMATES
 PS, P/S PRESTRESSED, PARALLEL STATION
 PSB PASSENGER SERVICE BOOTH
 PSP PERFORATED STEEL PIPE
 PT POINT OF TANGENCY
 PVC POLYVINYL CHLORIDE
 PVI POINT OF VERTICAL INTERSECTION
 PVMT PAVEMENT
 P_{bmax} PEAK PASSENGER BOARDINGS
 P_{60b} PEAK HOURLY BOARDINGS
 P15 PEAK 15 MINUTE BOARDINGS

Q

QTY QUANTITY

R

R RADIUS
 R & D REMOVE AND DISPOSE
 R & S REMOVE AND SALVAGE
 R/C RATE OF CHANGE
 RCA REINFORCED CONCRETE ARCH
 RCB REINFORCED CONCRETE BOX
 RCP REINFORCED CONCRETE PIPE
 RCPA REINFORCED CONCRETE PIPE ARCH
 RD ROAD
 REINF REINFORCED, REINFORCEMENT, REINFORCING
 REL RELOCATE
 REPL REPLACEMENT
 RET RETAINING
 REV REVISED
 RDWY ROADWAY
 RM ROAD-MIXED
 RP RADIUS POINT, REFERENCE POINT
 RR RAILROAD
 RSP ROCK SLOPE PROTECTION
 RT RIGHT
 RTE ROUTE
 RW REDWOOD, RETAINING WALL
 R/W, ROW RIGHT OF WAY
 RWY RAILWAY

S

S SOUTH, SUPPLEMENT
 SAE STRUCTURE APPROACH EMBANKMENT
 SALV SALVAGE
 SAPP STRUCTURAL ALUMINUM PLATE PIPE
 SB SOUTHBOUND
 SC SPIRAL TO CURVE
 SCSP SLOTTED CORRUGATED STEEL PIPE
 SD STORM DRAIN
 SEC SECOND
 SECT SECTION
 SEP SEPARATION
 SF, sf SQUARE FOOT, SQUARE FEET
 SG SUBGRADE
 SHLD SHOULDER
 SHT SHEET

S CONTINUED

SIM SIMILAR
 S STATION LINE
 SM SELECTED MATERIAL
 SPEC SPECIAL, SPECIFICATIONS
 SP SOUTHERN PACIFIC
 SPRR SOUTHERN PACIFIC RAILROAD
 SPP SLOTTED PLASTIC PIPE
 SS SLOPE STAKE, SPIRAL TO SPIRAL
 SSBM STRAP AND SADDLE BRACKET METHOD
 SSD STRUCTURAL SECTION DRAIN
 SSPA STRUCTURAL STEEL PLATE ARCH
 SSPP STRUCTURAL STEEL PLATE PIPE
 SSPPA STRUCTURAL STEEL PLATE PIPE ARCH
 SSRP STEEL SPIRAL RIB PIPE
 SR STATE ROUTE
 ST STREET, SPIRAL TO TANGENT
 STA STATION
 STBB SINGLE THRIE BEAM BARRIER
 STD STANDARD
 STR STRUCTURE
 SRS STAND ALONE RADIO SITE
 SURF SURFACING
 SW SIDEWALK, SOUND WALL
 SWR SEWER
 SWS SWITCHING STATION
 SYM SYMMETRICAL
 S4S SURFACE 4 SIDES
 SJVR SAN JOAQUIN VALLEY RAILROAD

T

T SEMI-TANGENT
 TAB TABLET
 TAN TANGENT
 TBB THRIE BEAM BARRIER
 TBD TO BE DETERMINED
 TBR TIMBER
 TC TOP OF CURB, TANGENT TO CURVE
 TCB TRAFFIC CONTROL BOX
 TEL TELEPHONE
 TELCOM TELEPHONE COMMUNICATIONS
 TEMP TEMPORARY
 TG TOP OF GRADE
 TM TECHNICAL MEMORANDUM
 TOR TOP OF RAIL
 TOT TOTAL
 TP TELEPHONE POLE
 TPB TREATED PERMEABLE BASE
 TPM TREATED PERMEABLE MATERIAL
 TPSS TRACTION POWER SUPPLY STATION
 TRANS TRANSITION, TRANSVERSE, TRANSPORTATION
 TS TRAFFIC SIGNAL, TUBULAR STEEL, TANGET TO SPIRAL
 TVM TICKET VENDING MACHINE
 TYP TYPICAL

U

UC UNDERCROSSING
 UD UNDERDRAIN
 UON UNLESS OTHERWISE NOTED
 UP UNDERPASS
 UPRR UNION PACIFIC RAILROAD
 USFW UNITED STATES FISH AND WILDLIFE SERVICE

V

V VALVE,
 DESIGN SPEED
 VAR VARIABLE
 VC VERTICAL CURVE
 VCP VITRIFIED CLAY PIPE
 VERT VERTICAL
 VIA VIADUCT
 VOL VOLUME

W

W WEST,
 WIDTH
 WB WESTBOUND
 WH WEEP HOLE
 WM WIRE MESH
 WS WATER SURFACE
 WSP WELDED STEEL PIPE
 WT WEIGHT
 WV WATER VALVE
 WW WINGWALL
 WWLW WINGWALL LAYOUT LINE
 W/ WITH

X

X SEC CROSS SECTION
 XING CROSSING

Y

YR YEAR
 YRS YEARS

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REV	DATE	BY	CHK	APP	DESCRIPTION

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E. NAOR
 DRAWN BY
D. BACKMAN
 CHECKED BY
F. KING
 IN CHARGE
E. NAOR
 DATE
12/31/13

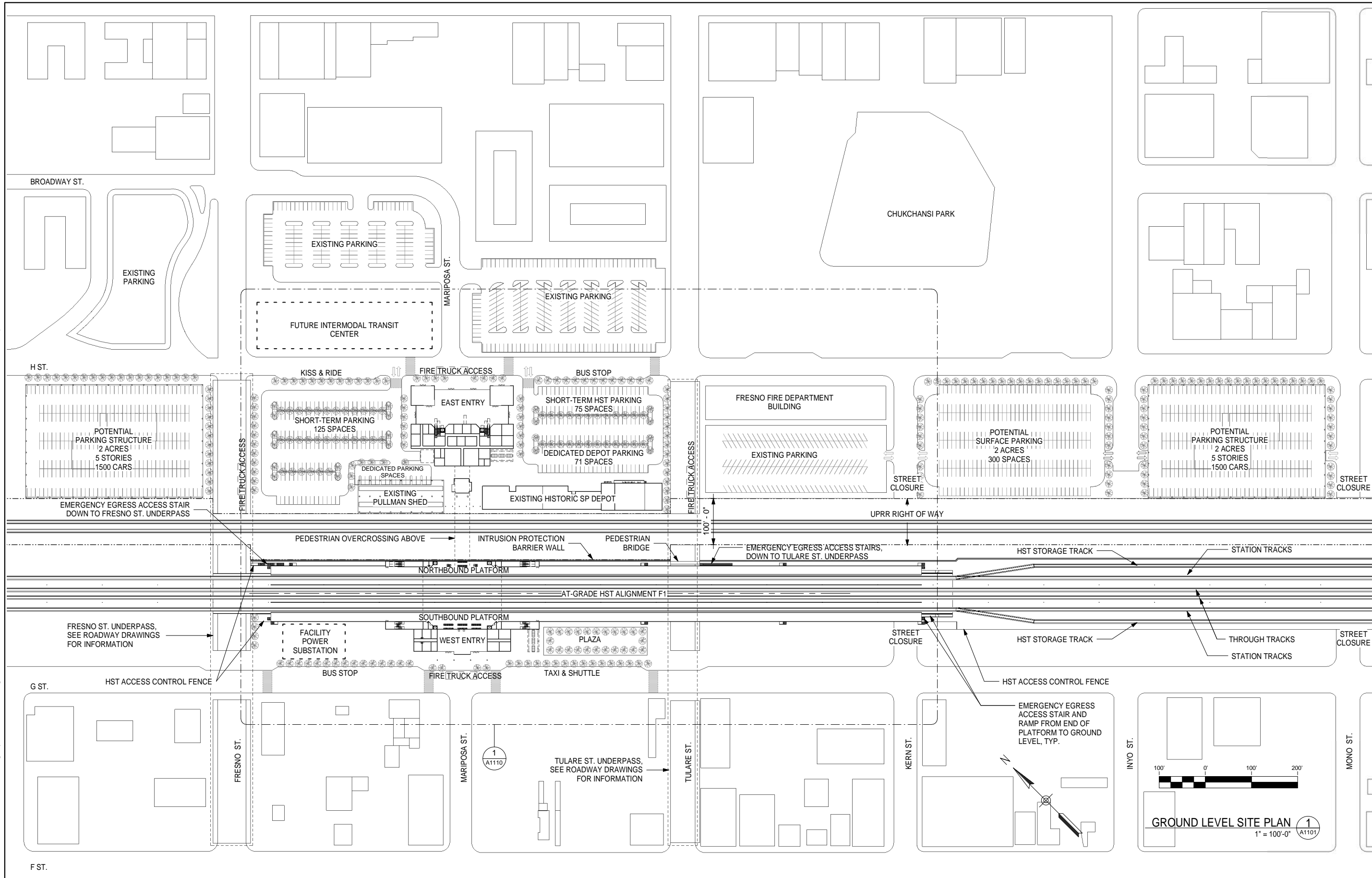
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 FRESNO TO BAKERSFIELD**
 STATIONS DRAWINGS
GENERAL ABBREVIATIONS

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A0004
SCALE	
SHEET NO.	5 OF 5

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GENERAL NOTES

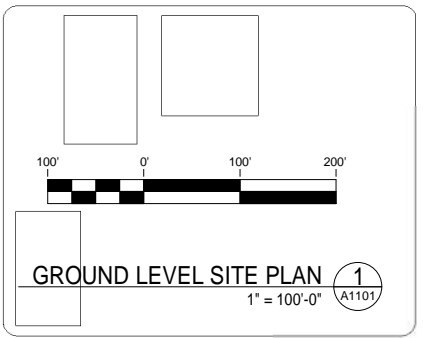
STATION SITE = 13 ACRES
 (INCLUDES STATION BUILDING,
 BUS TRANSIT CENTER, SHORT-
 TERM PARKING AND KISS & RIDE)

POTENTIAL PARKING = 7.5 ACRES
 (3 PARKING STRUCTURES
 + 1 SURFACE PARKING LOT)

TOTAL = 20.5 ACRES

PARKING STRUCTURE NOT
 SHOWN IN PLANS IS LOCATED
 ADJACENT TO HIGHWAY 99
 FRONTING ON E STREET
 BETWEEN FRESNO AND
 MARIPOSA STREETS.

KEY NOTES



REV	DATE	BY	CHK	APP	DESCRIPTION

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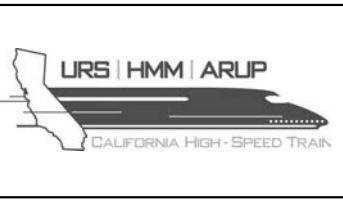
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CALIFORNIA HIGH-SPEED TRAIN PROJECT

FRESNO TO BAKERSFIELD

FRESNO SUBSECTION
 ALIGNMENT F1

FRESNO STATION - MARIPOSA ALTERNATIVE
GROUND LEVEL SITE PLAN

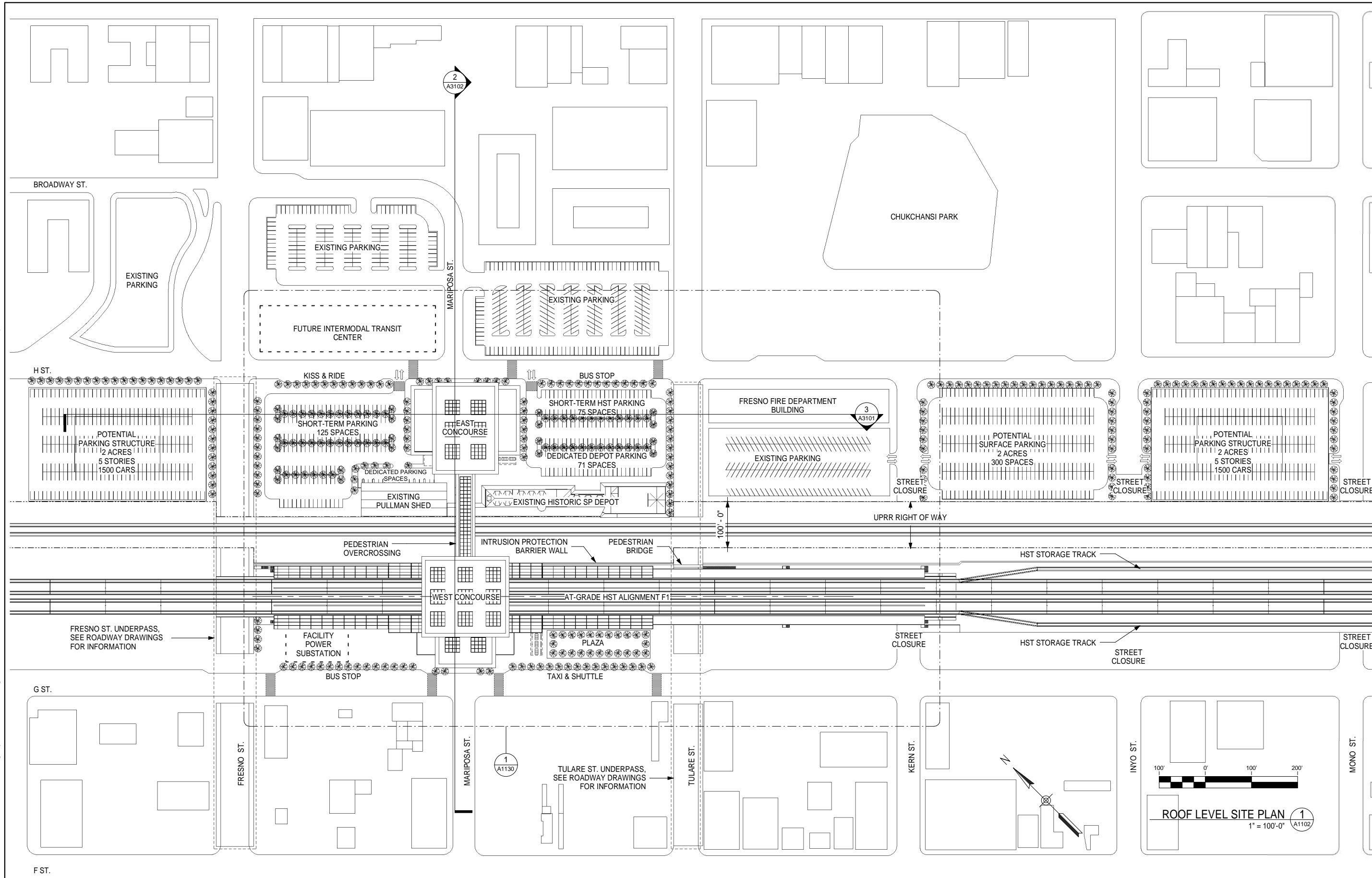
CONTRACT NO.
HSR 06-0003

DRAWING NO.
A1101

SCALE
1" = 100'-0"

SHEET NO.
1 OF 15

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GENERAL NOTES

KEY NOTES

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E. NAOR
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12/31/13

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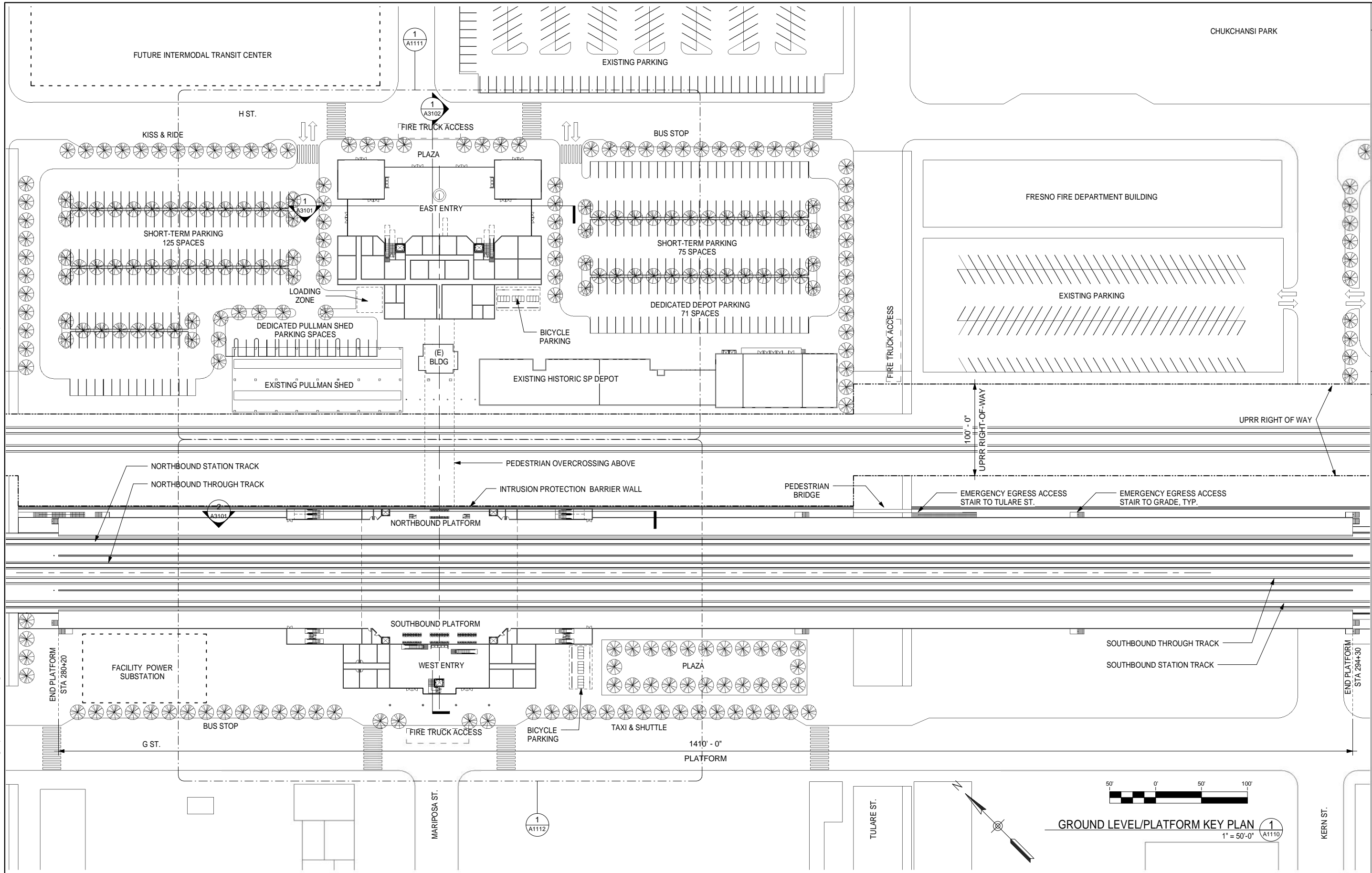


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - MARIPOSA ALTERNATIVE
ROOF LEVEL SITE PLAN

CONTRACT NO.
HSR 06-0003
 DRAWING NO.
A1102
 SCALE
1" = 100'-0"
 SHEET NO.
2 OF 15

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GENERAL NOTES

KEY NOTES

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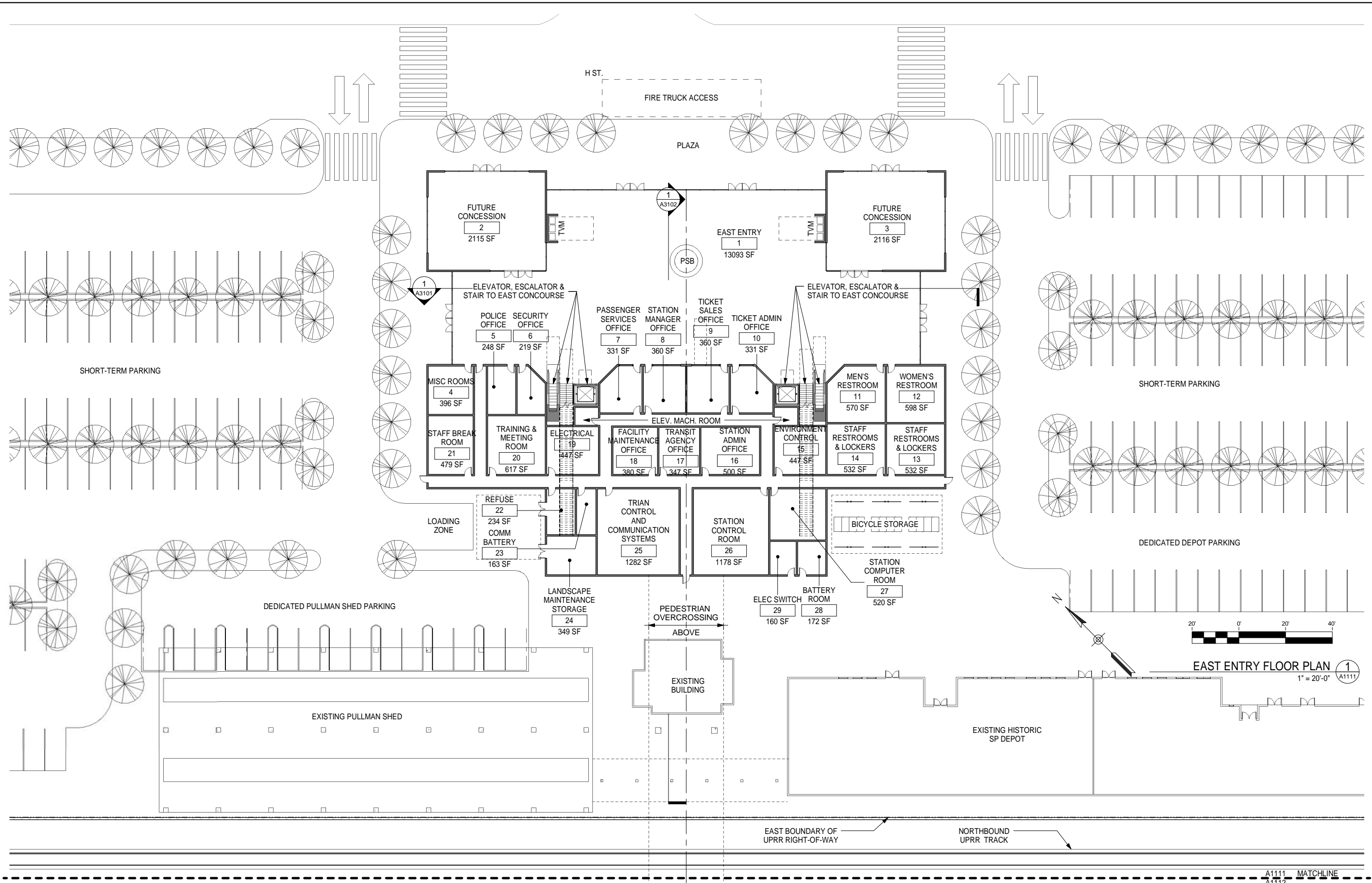


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
GROUND LEVEL/PLATFORM KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1110
SCALE
1" = 50'-0"
SHEET NO.
3 OF 15

GENERAL NOTES

KEY NOTES



EAST ENTRY FLOOR PLAN 1
1" = 20'-0" A1111

A1111 MATCHLINE
A1112

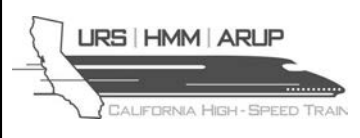
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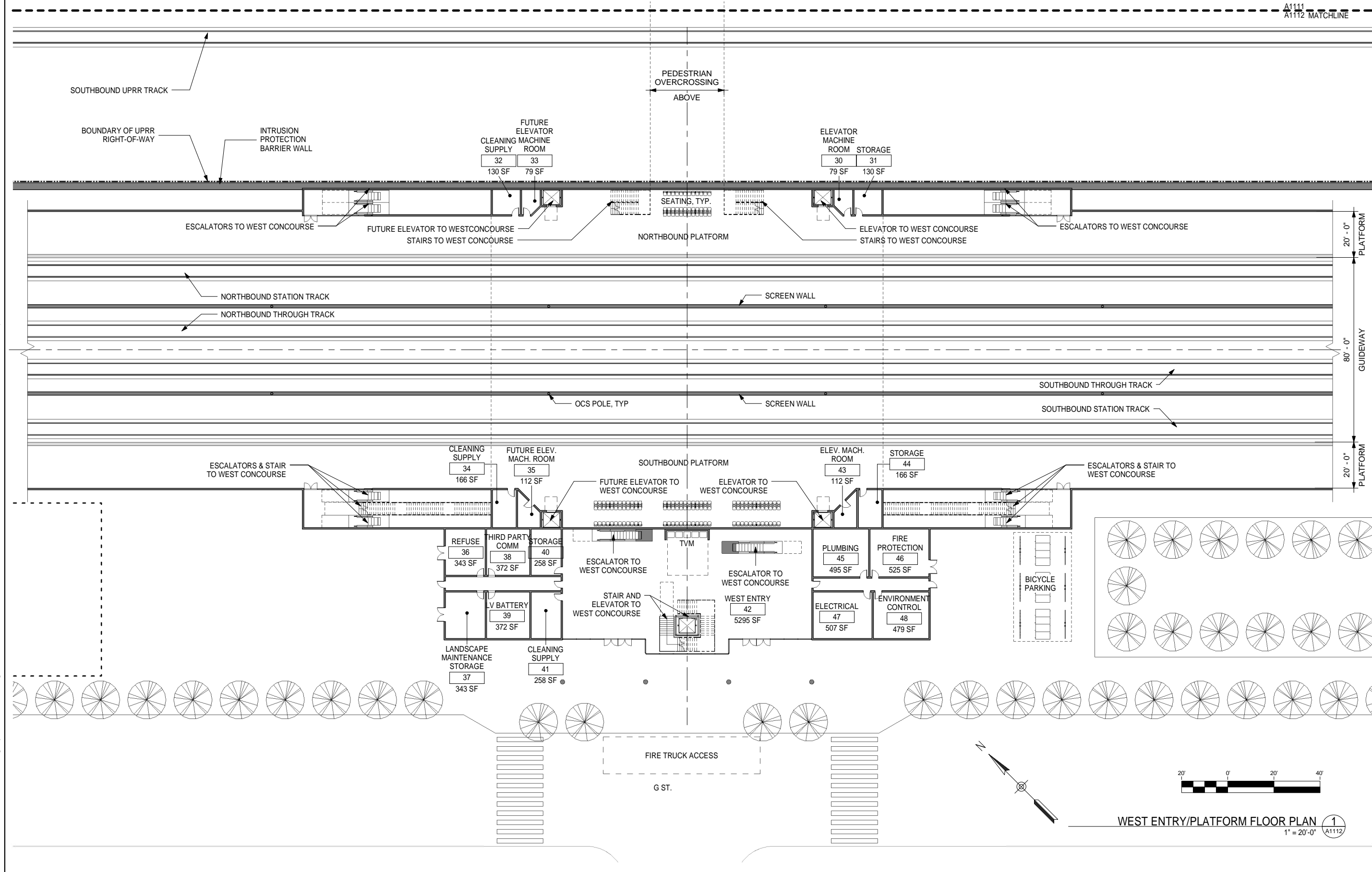
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
EAST ENTRY FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1111
SCALE
1" = 20'-0"
SHEET NO.
4 OF 15



WEST ENTRY/PLATFORM FLOOR PLAN 1
1" = 20'-0" A1112

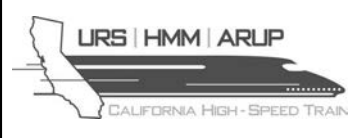
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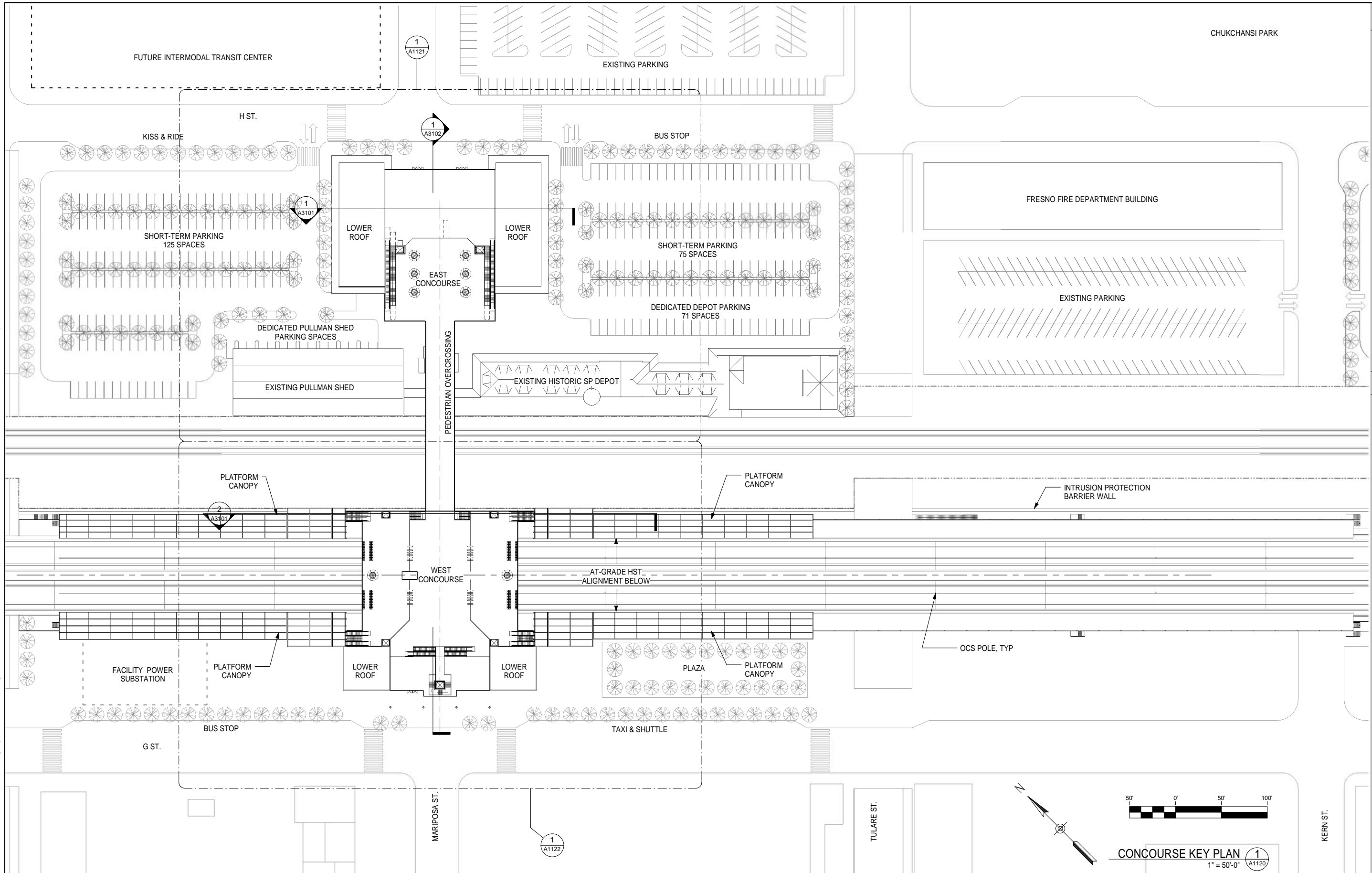


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
WEST ENTRY/PLATFORM FLOOR PLAN

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A1112
SCALE	1" = 20'-0"
SHEET NO.	5 OF 15

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GENERAL NOTES

KEY NOTES

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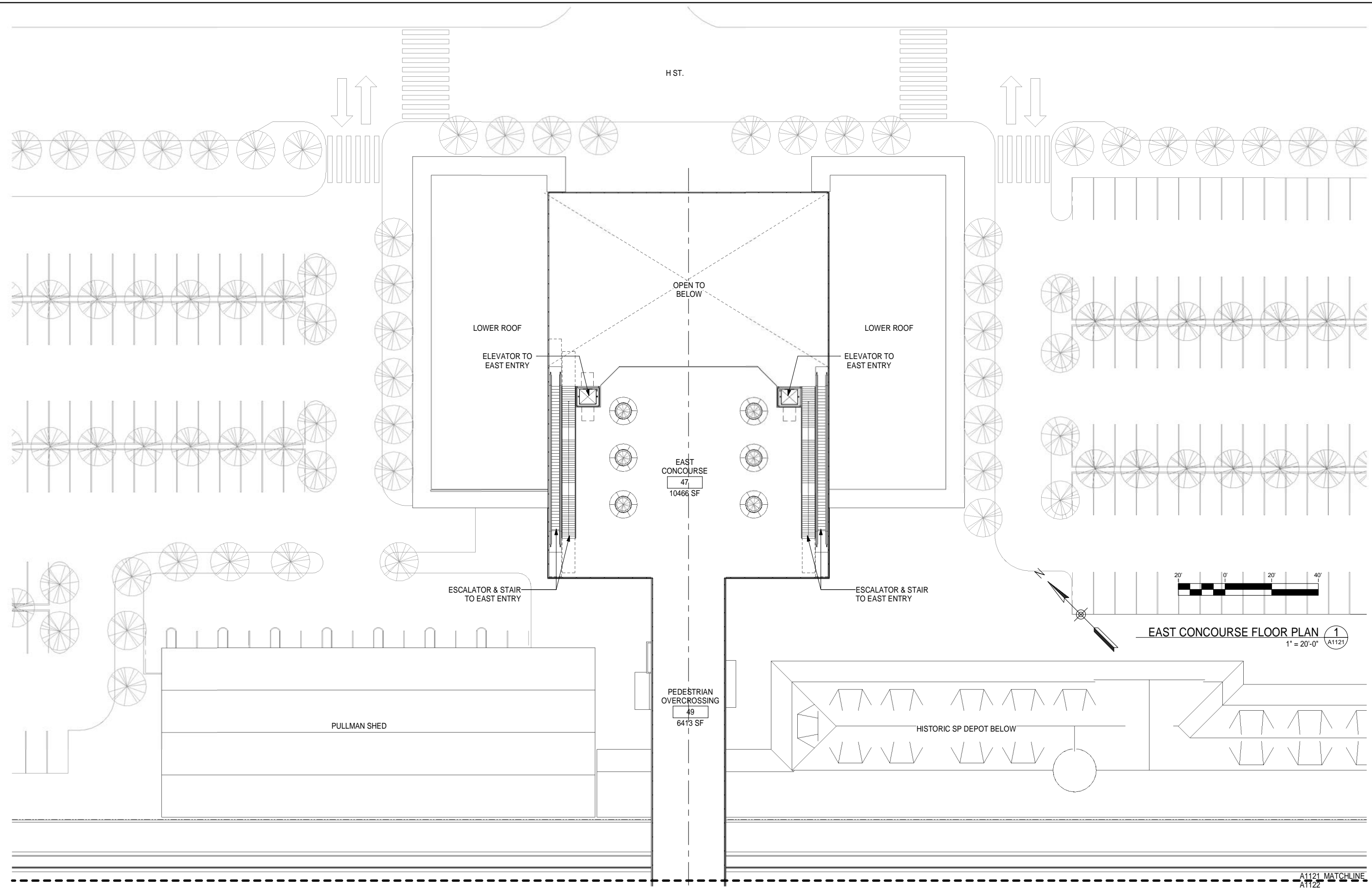


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - MARIPOSA ALTERNATIVE
CONCOURSE KEY PLAN

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A1120
SCALE	1" = 50'-0"
SHEET NO.	6 OF 15

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GENERAL NOTES

KEY NOTES

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E. NAOR
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DESIGN SUBMISSION**

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CONSTRUCTION**

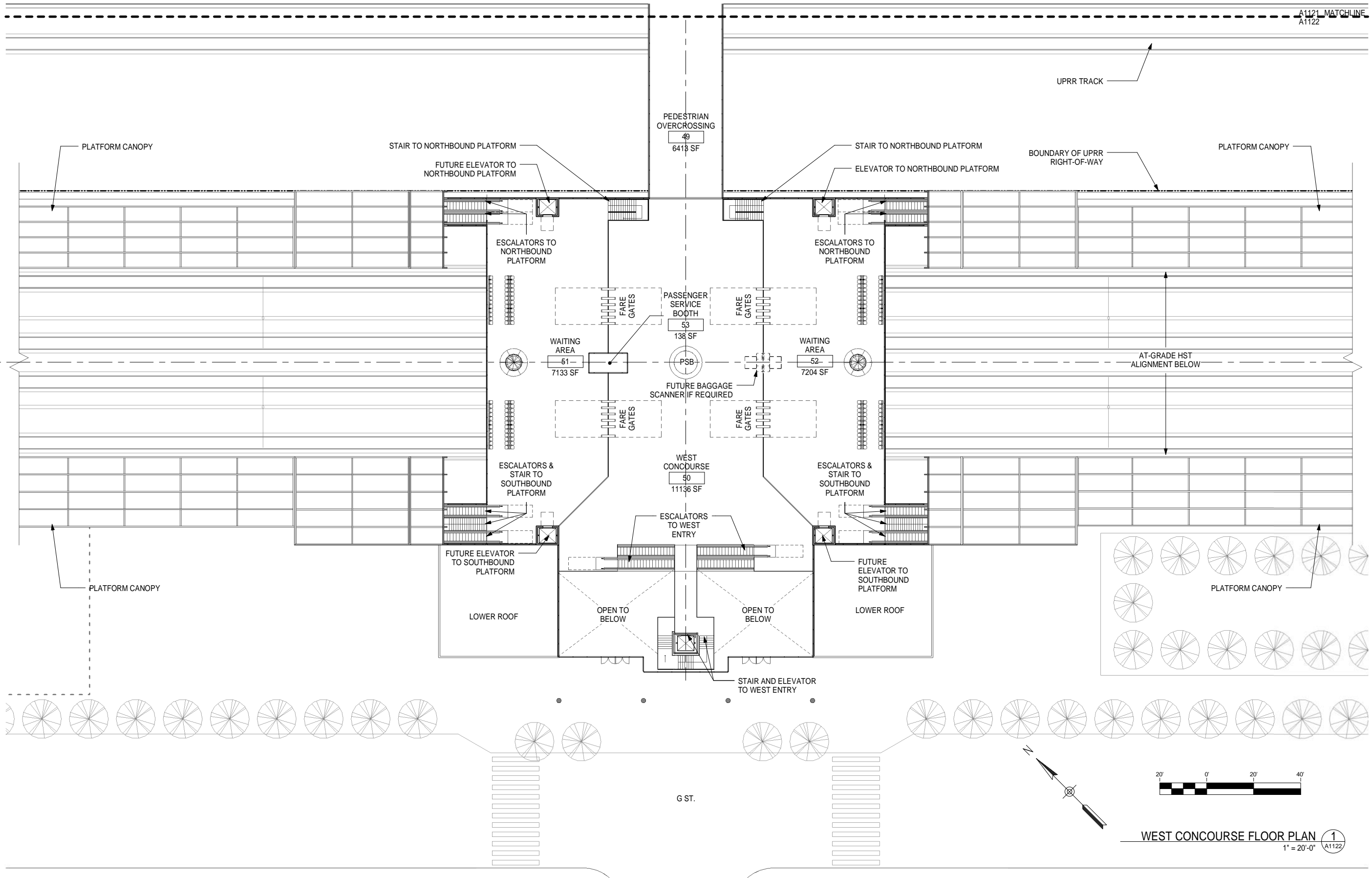


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
EAST CONCOURSE FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1121
SCALE
1" = 20'-0"
SHEET NO.
7 OF 15

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WEST CONCOURSE FLOOR PLAN 1
1" = 20'-0" A1122

GENERAL NOTES

KEY NOTES

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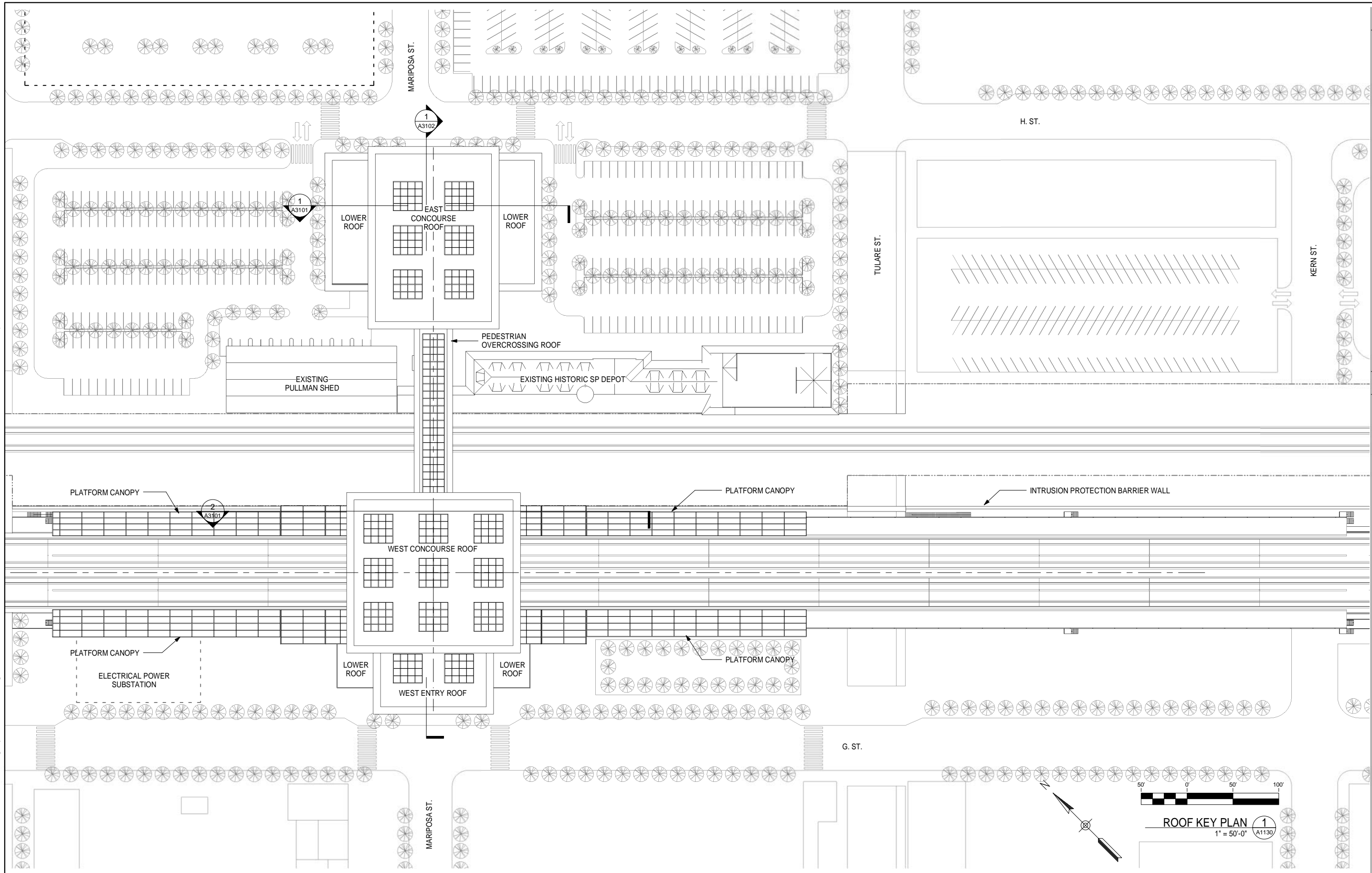


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
WEST CONCOURSE FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1122
SCALE
1" = 20'-0"
SHEET NO.
8 OF 15

I:\0-Legacy\Structure\Drawings\12010_TRAN_URS_HSR_Fresno-Bakersfield\00CADD\1-Fresno\Revit\Fresno_HST_Station_Mariposa_2013.rvt

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GENERAL NOTES

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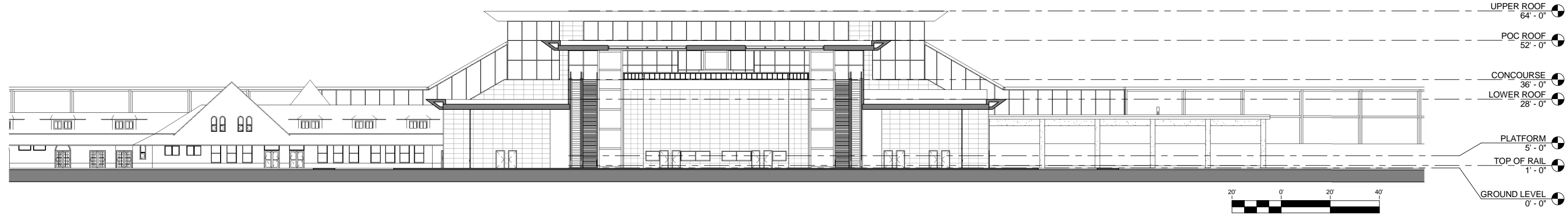
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FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - MARIPOSA ALTERNATIVE
ROOF KEY PLAN

CONTRACT NO.
HSR 06-0003

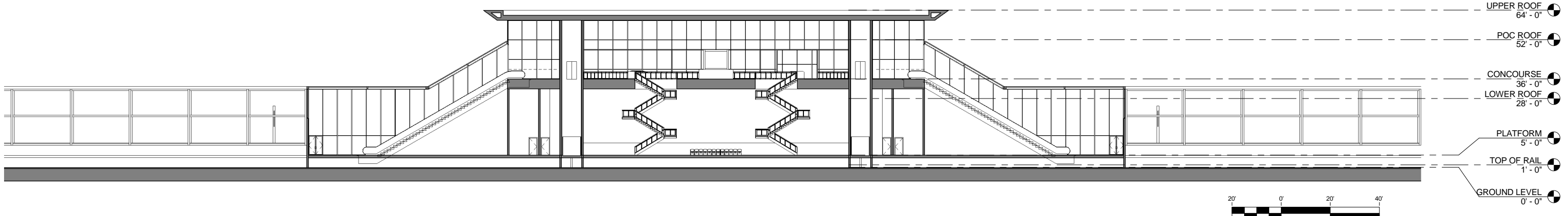
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SCALE
1" = 50'-0"

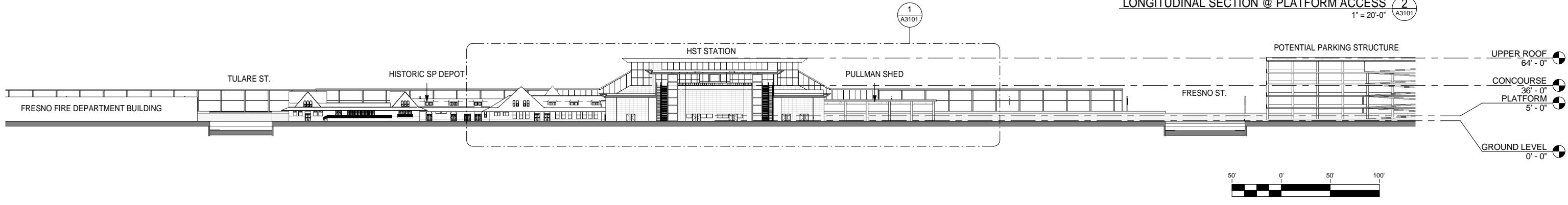
SHEET NO.
9 OF 15



LONGITUDINAL SECTION @ EAST ENTRY (1)
1" = 20'-0" A3101



LONGITUDINAL SECTION @ PLATFORM ACCESS (2)
1" = 20'-0" A3101



KEY LONGITUDINAL SECTION (3)
1" = 50'-0" A3101

GENERAL NOTES

KEY NOTES

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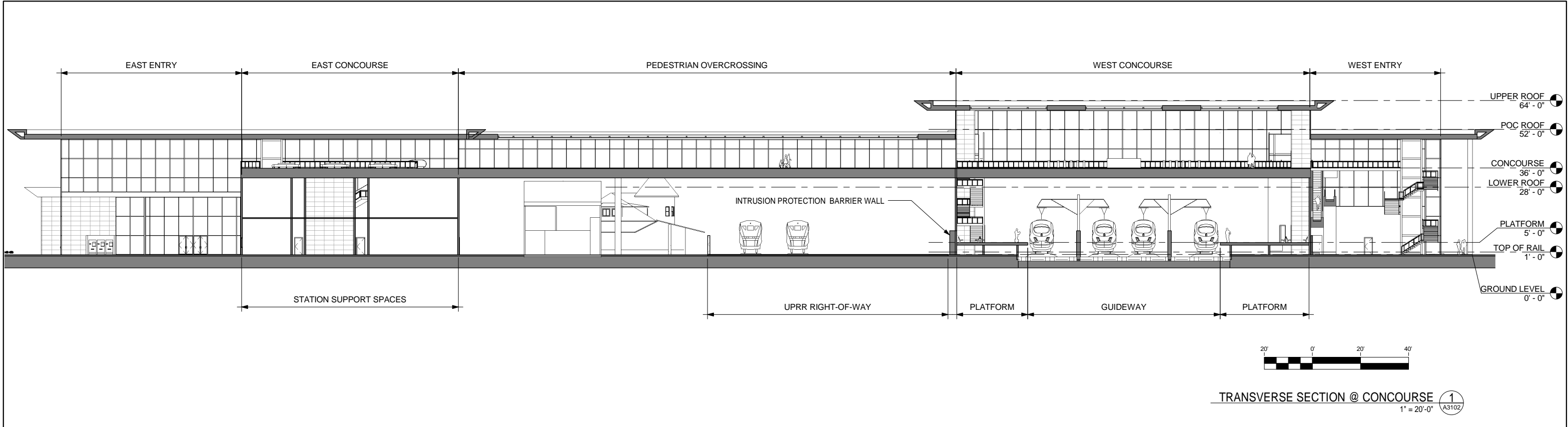
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FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
BUILDING SECTIONS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3101
SCALE
As indicated
SHEET NO.
10 OF 15

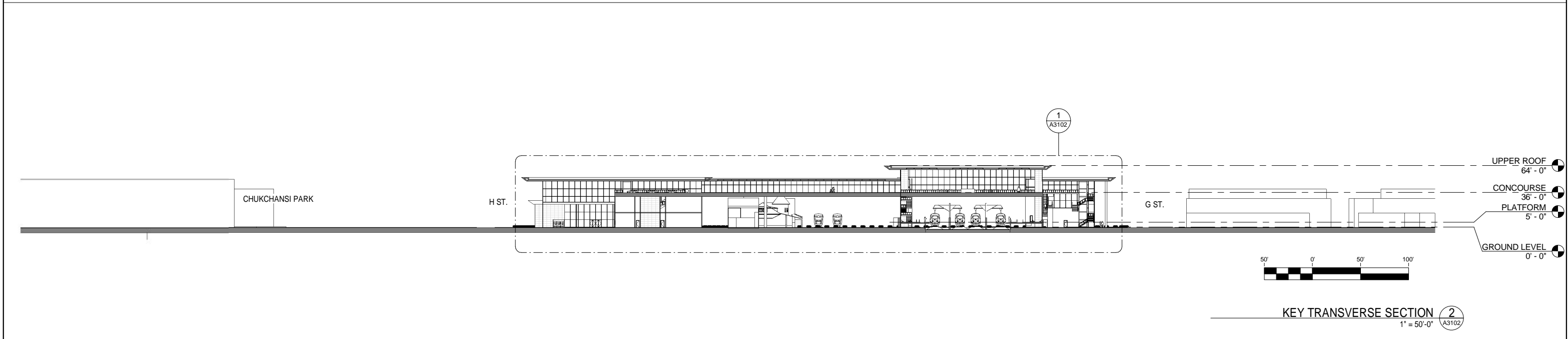
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TRANSVERSE SECTION @ CONCOURSE 1
1" = 20'-0" A3102



KEY TRANSVERSE SECTION 2
1" = 50'-0" A3102

GENERAL NOTES

KEY NOTES

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FRESNO TO BAKERSFIELD**
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
BUILDING SECTIONS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3102
SCALE
As indicated
SHEET NO.
11 OF 15

ROOM SCHEDULE

NO.	ROOM NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2	COMMENTS
1	EAST ENTRY	13093 SF	11115 SF	Table 6-2 *	6.3.2	
2	FUTURE CONCESSION	2115 SF		Table 6-3 *	6.3.5	
3	FUTURE CONCESSION	2116 SF		Table 6-3 *	6.3.5	
4	MISC ROOMS	396 SF	300 SF		6.6.4.5	
5	POLICE OFFICE	248 SF	160 SF		6.6.2.6	
6	SECURITY OFFICE	219 SF	160 SF		6.6.3.9	
7	PASSENGER SERVICES OFFICE	331 SF	160 SF			
8	STATION MANAGER OFFICE	360 SF	270 SF		6.6.3.3	
9	TICKET SALES OFFICE	360 SF	225 SF	75 SF per window	6.6.2.2	Three windows
10	TICKET ADMIN OFFICE	331 SF	160 SF		6.2.6.2.6	
11	MEN'S RESTROOM	570 SF	0 SF	Size per code	6.3.4	
12	WOMEN'S RESTROOM	598 SF	0 SF	Size per code	6.3.4	
13	STAFF RESTROOMS & LOCKERS	532 SF		Size per code	6.6.3.13	
14	STAFF RESTROOMS & LOCKERS	532 SF		Size per code	6.6.3.13	
15	ENVIRONMENT CONTROL	447 SF			6.6.6.1	
16	STATION ADMIN OFFICE	500 SF	500 SF	100 per assigned staff	6.6.3.2	
17	TRANSIT AGENCY OFFICE	347 SF			6.6.3.16	
18	FACILITY MAINTENANCE OFFICE	380 SF	330 SF		6.6.3.10	
19	ELECTRICAL	447 SF	450 SF		6.6.6.2	
20	TRAINING & MEETING ROOM	617 SF	200 SF		6.6.3.4	
21	STAFF BREAK ROOM	479 SF	200 SF		6.6.3.12	
22	REFUSE	234 SF	150 SF		6.6.4.1	
23	COMM BATTERY	163 SF	160 SF		6.6.7.1	
24	LANDSCAPE MAINTENANCE STORAGE	349 SF		Exterior access required	6.6.4.4	
25	TRIAN CONTROL AND COMMUNICATION SYSTEMS	1282 SF	1280 SF		6.6.7.1	
26	STATION CONTROL ROOM	1178 SF	1100 SF		6.6.3.5	
27	STATION COMPUTER ROOM	520 SF	500 SF		6.6.3.6	
28	BATTERY ROOM	172 SF			6.6.7.2	
29	ELEC SWITCH	160 SF	160 SF		6.6.7.2	
30	ELEVATOR MACHINE ROOM	79 SF			6.5.3.6	
31	STORAGE	130 SF	100 SF		6.6.4.3	
32	CLEANING SUPPLY	130 SF	80 SF		6.6.4.2	
33	FUTURE ELEVATOR MACHINE ROOM	79 SF			6.5.3.6	
34	CLEANING SUPPLY	166 SF	80 SF		6.6.4.2	
35	FUTURE ELEV. MACH. ROOM	112 SF			6.5.3.6	
36	REFUSE	343 SF	0 SF		6.6.4.1	
37	LANDSCAPE MAINTENANCE STORAGE	343 SF		Exterior access required	6.6.4.4	
38	THIRD PARTY COMM	372 SF	160 SF		6.6.7.1	
39	LV BATTERY	372 SF	200 SF		6.6.6.2	
40	STORAGE	258 SF	150 SF		6.6.4.3	
41	CLEANING SUPPLY	258 SF	80 SF		6.6.4.2	
42	WEST ENTRY	5295 SF	0 SF		6.2.3.2	
43	ELEV. MACH. ROOM	112 SF			6.5.3.6	
44	STORAGE	166 SF	100 SF		6.6.4.3	
45	PLUMBING	495 SF			6.6.6.4	
46	FIRE PROTECTION	525 SF			6.6.6.3	
47	ELECTRICAL	507 SF	450 SF		6.6.6.2	
47	EAST CONCOURSE	10466 SF	11117 SF	Table 6-2 *	6.3.2.2	
48	ENVIRONMENT CONTROL	479 SF			6.6.6.1	
49	PEDESTRIAN OVERCROSSING	6413 SF			6.5.2	
50	WEST CONCOURSE	11136 SF	11117 SF	Table 6-2 *	6.3.2.2	
51	WAITING AREA	7133 SF	5187 SF	Table 6-2 *	6.3.3	
52	WAITING AREA	7204 SF	5187 SF	Table 6-2 *	6.3.3	
53	PASSENGER SERVICE BOOTH	138 SF			6.6.2.3	

* STATION PUBLIC AREAS AND VERTICAL CIRCULATION ARE SIZED FOR PEAK PASSENGER FORECAST FOR FULL BUILD OUT (2035) AT 50% AIR FARES AS PROVIDED IN STATION AREA PARKING GUIDANCE TECHNICAL MEMORANDUM REV 4, DATED 6/20/2011

PEAK CUMULATIVE DAILY BOARDINGS OF 8,400 PASSENGERS

PEAK HOUR BOARDINGS (P60B) OF 1,260 PASSENGERS

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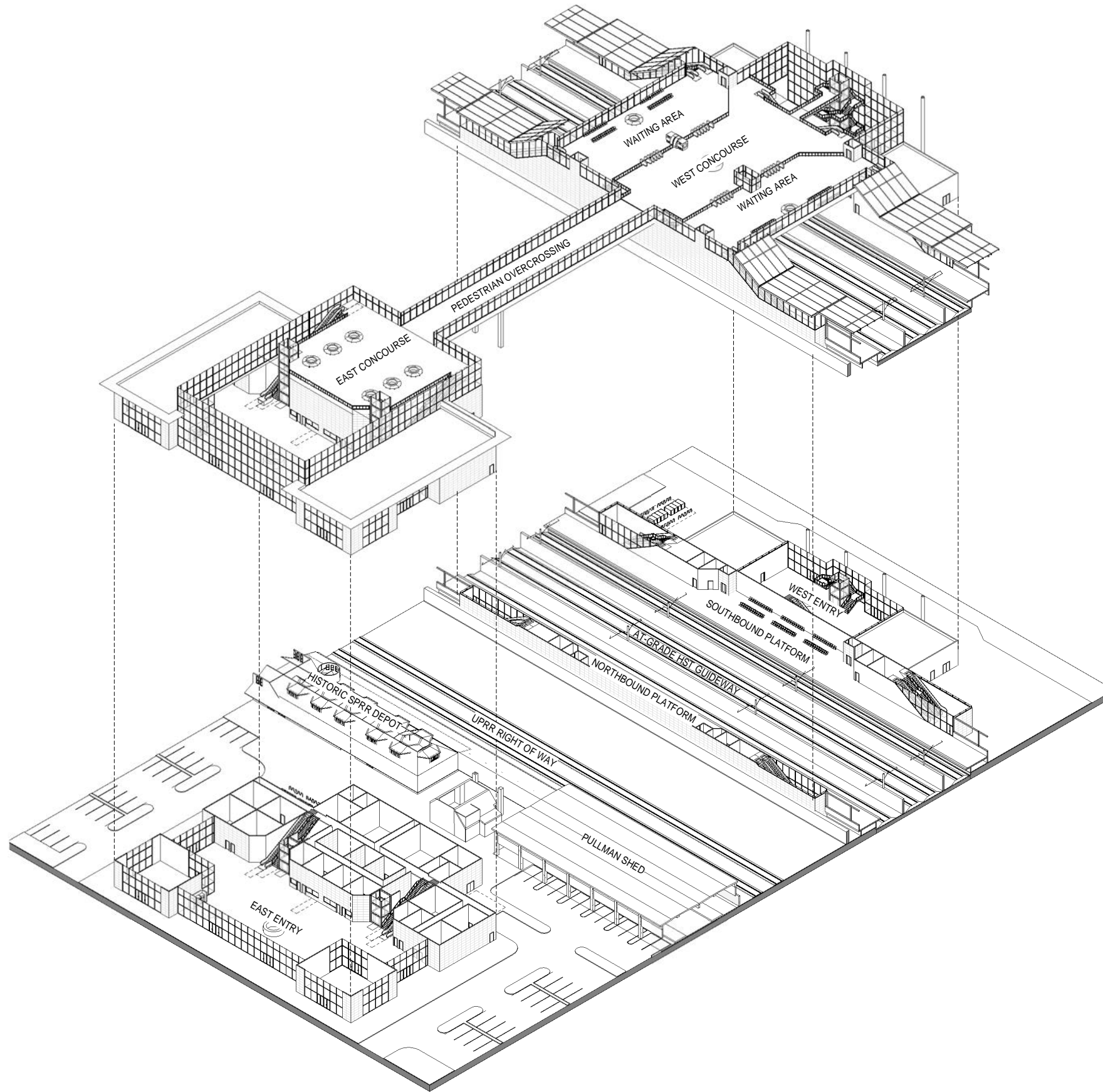


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
ROOM SCHEDULE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A6101
SCALE
SHEET NO.
12 OF 15

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CONCOURSE 1
A9101

GROUND LEVEL 2
A9101

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FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
AXONOMETRIC VIEWS

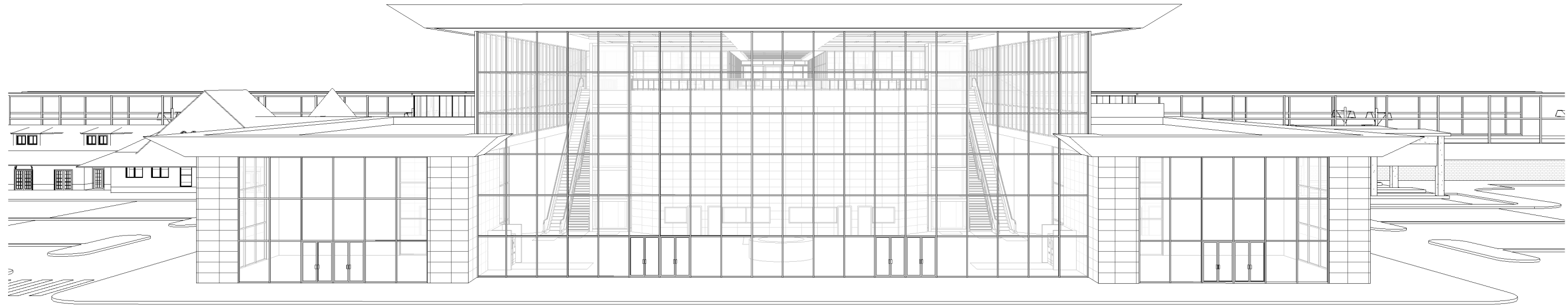
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9101
SCALE
SHEET NO.
13 OF 15

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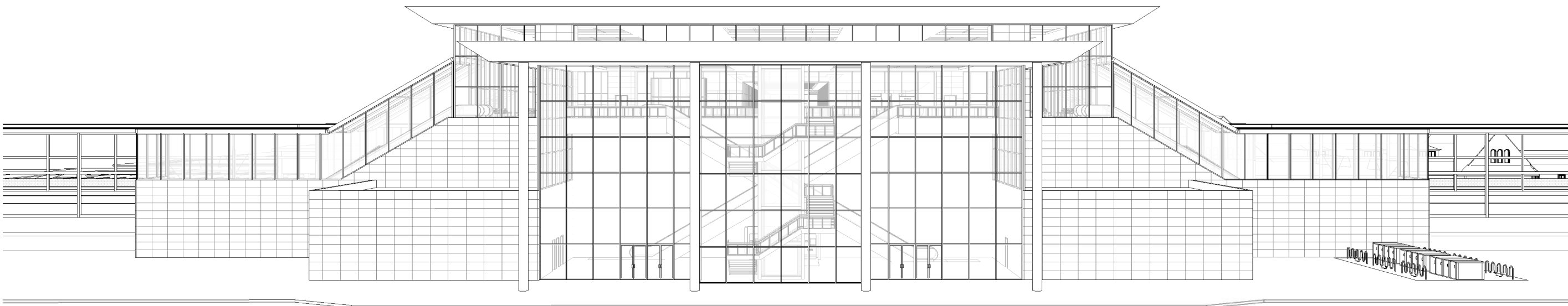
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GENERAL NOTES

KEY NOTES



3D VIEW OF EAST ELEVATION 1
A9102



3D VIEW OF WEST ELEVATION 2
A9102

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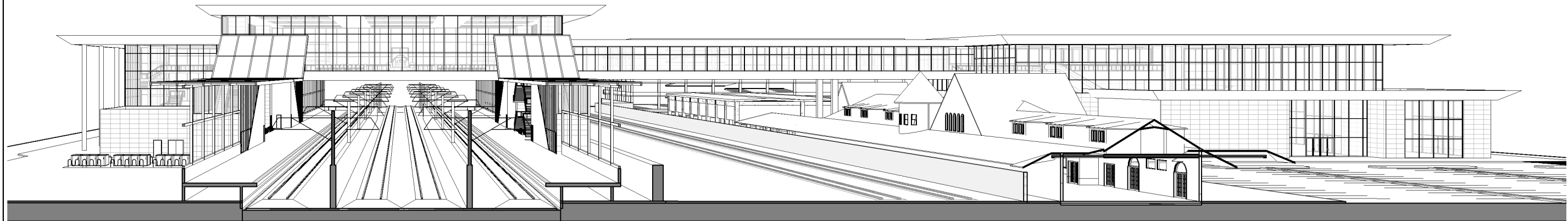
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
3D ELEVATION VIEWS

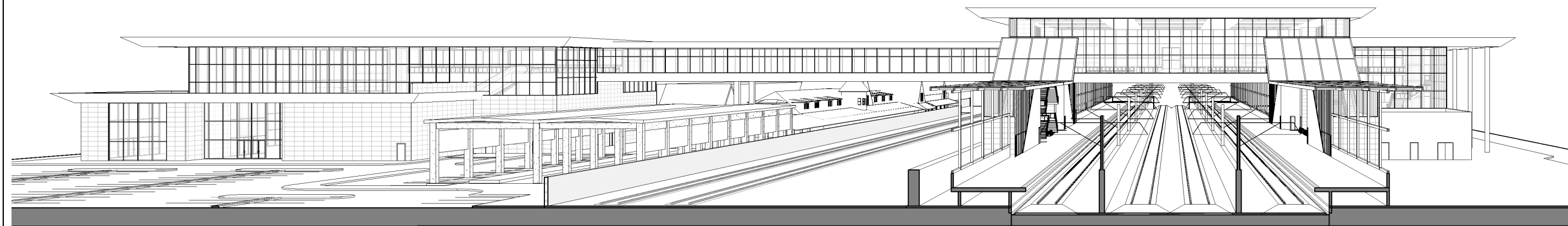
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9102
SCALE
SHEET NO.
14 OF 15

GENERAL NOTES



3D VIEW OF SOUTH ELEVATION 1
A9103

KEY NOTES



3D VIEW OF NORTH ELEVATION 2
A9103

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FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9103
SCALE
SHEET NO.
15 OF 15

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GENERAL NOTES

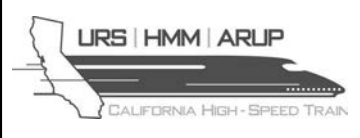
KEY NOTES

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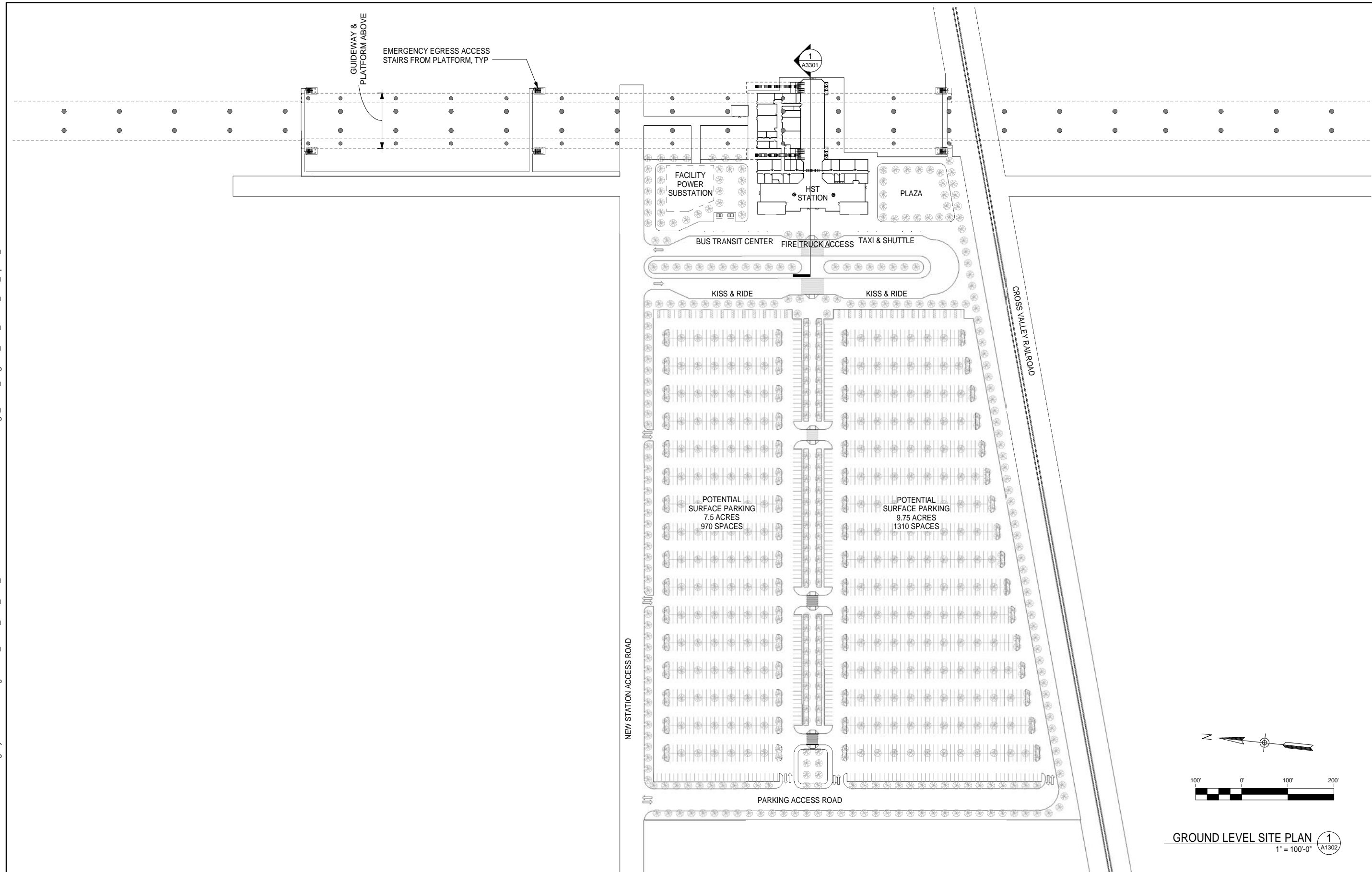


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
ROOF LEVEL SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1301
SCALE
1" = 200'-0"
SHEET NO.
1 OF 13

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GROUND LEVEL SITE PLAN 1
1" = 100'-0" A1302

GENERAL NOTES

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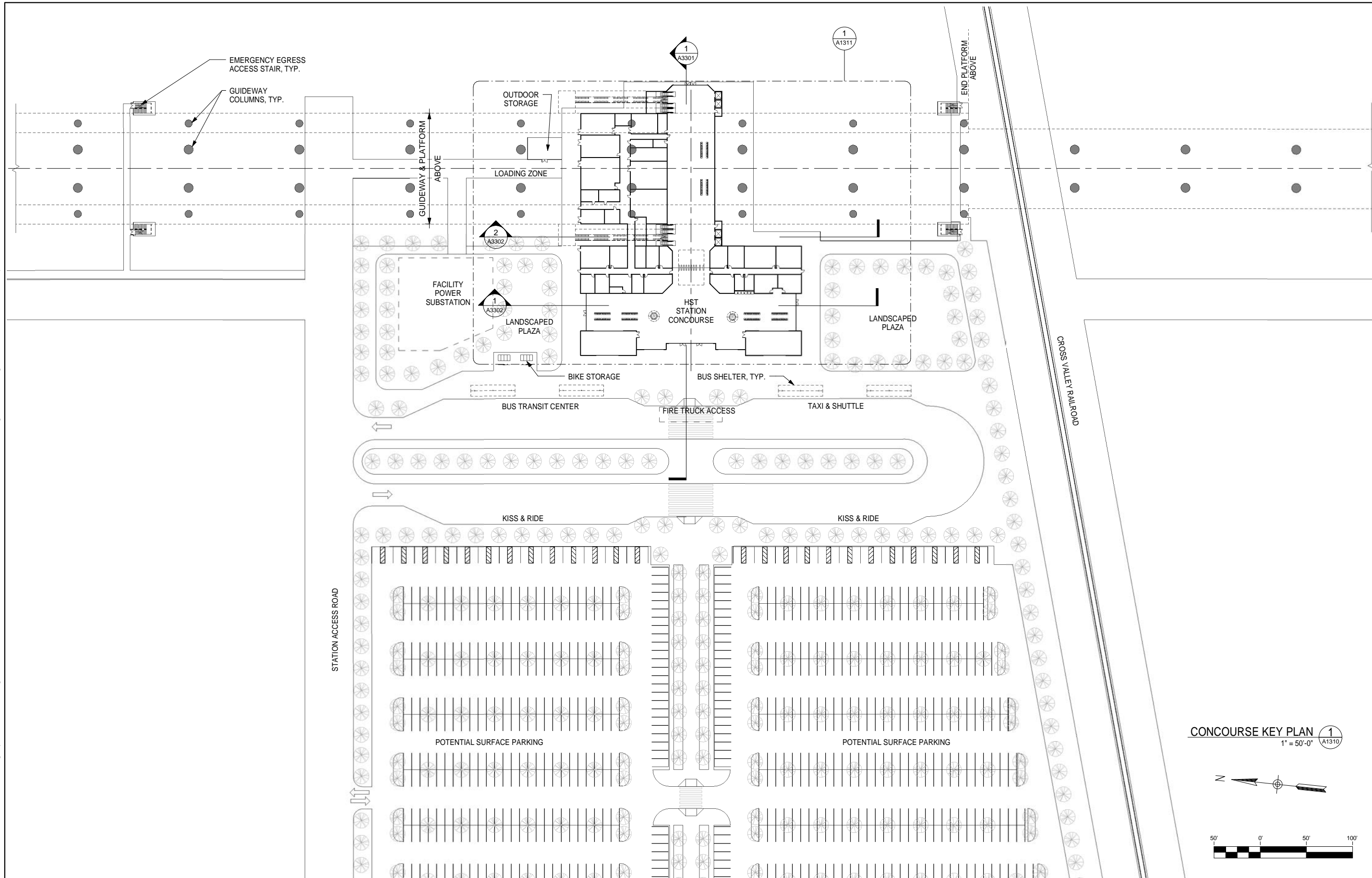


CALIFORNIA HIGH-SPEED TRAIN PROJECT
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HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
GROUND LEVEL SITE PLAN

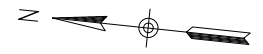
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1302
SCALE
1" = 100'-0"
SHEET NO.
2 OF 13

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CONCOURSE KEY PLAN 1
1" = 50'-0" A1310



GENERAL NOTES

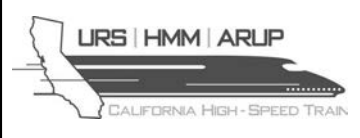
KEY NOTES

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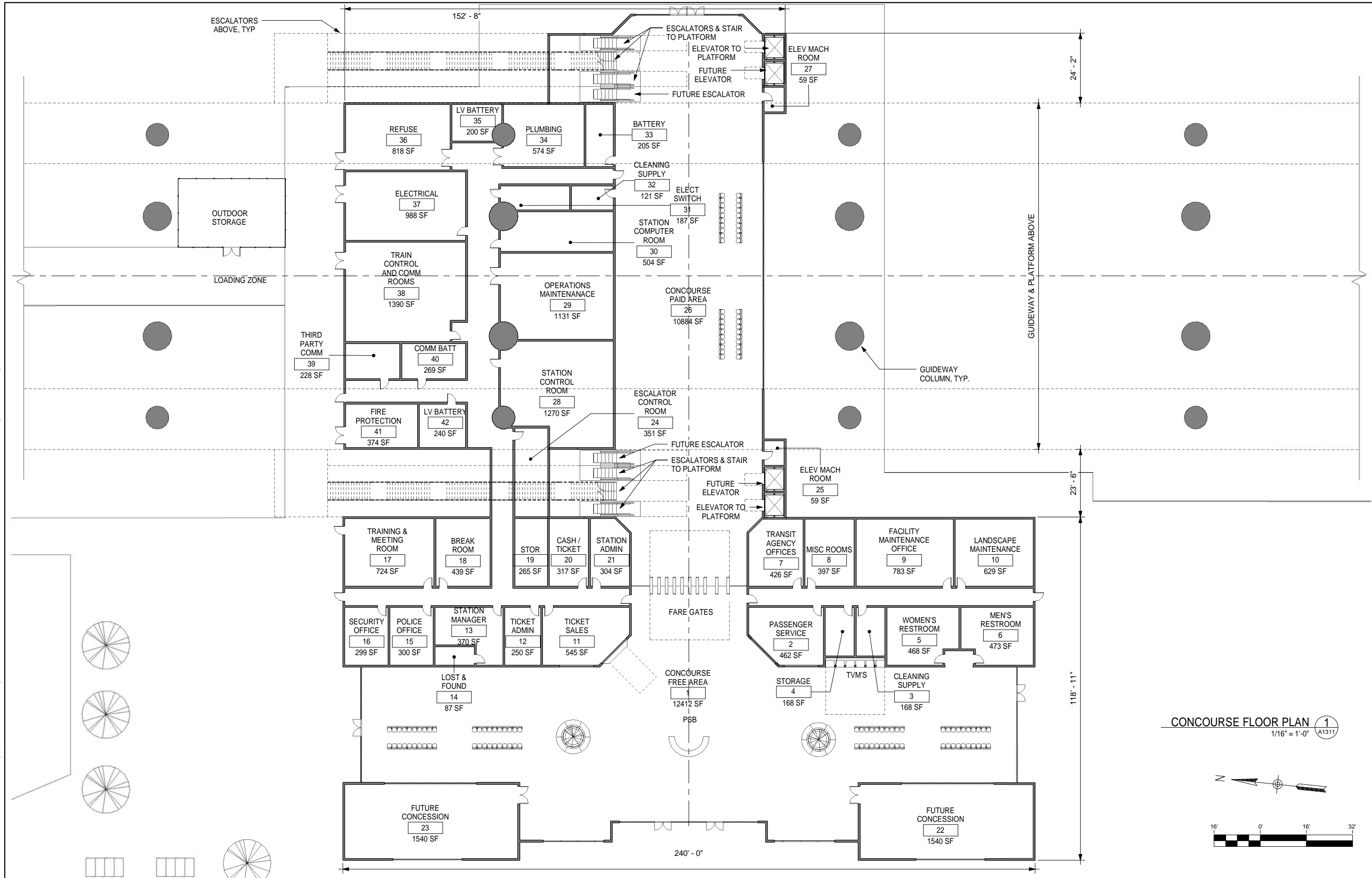


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HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
CONCOURSE KEY PLAN

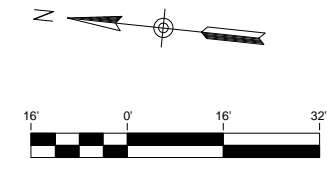
CONTRACT NO.	HSR 06-0003
DRAWING NO.	A1310
SCALE	1" = 50'-0"
SHEET NO.	3 OF 13

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CONCOURSE FLOOR PLAN 1
1/16" = 1'-0" A1311



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FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
CONCOURSE FLOOR PLAN

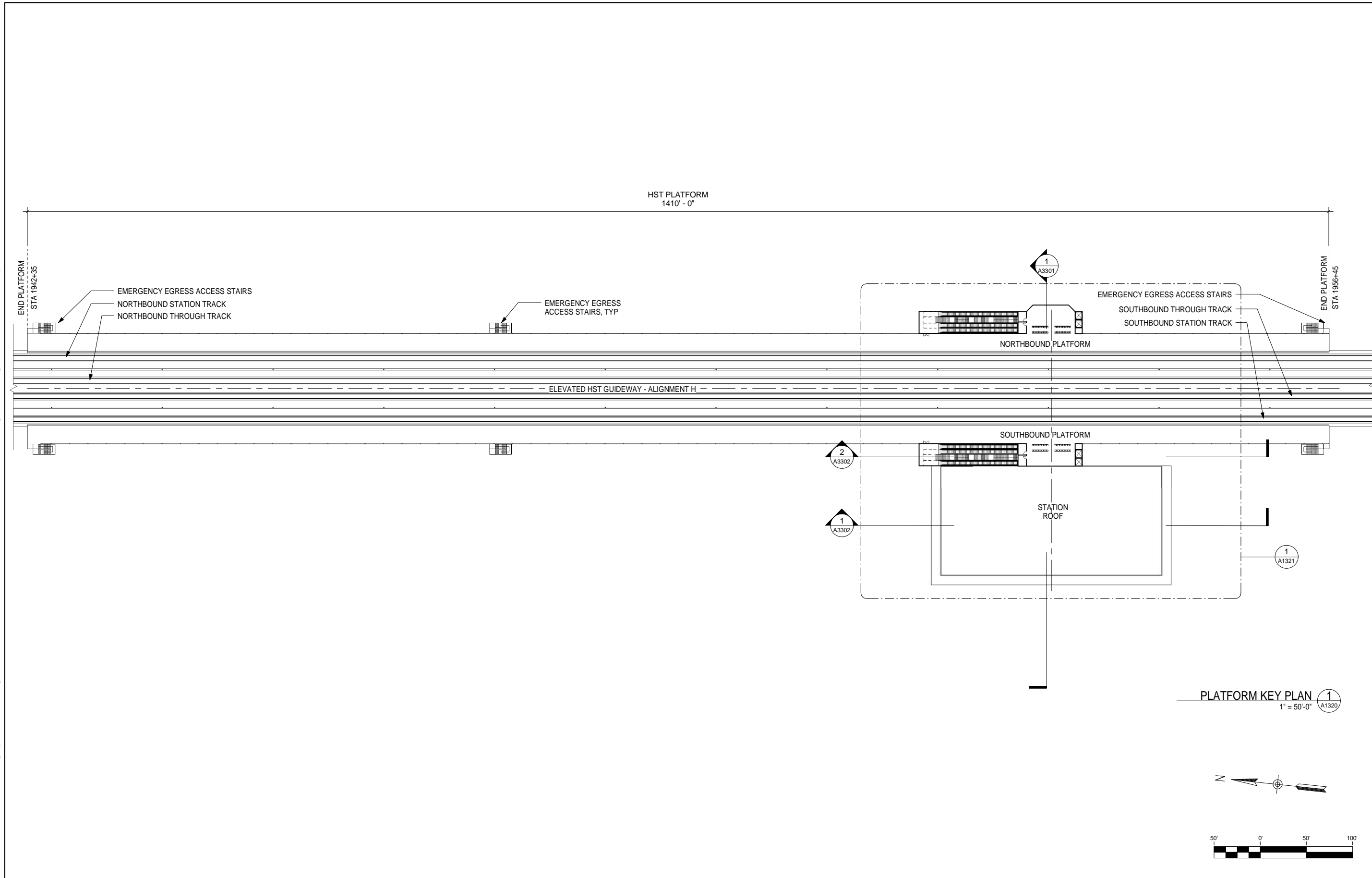
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DRAWING NO.
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SCALE
1/16" = 1'-0"
SHEET NO.
4 OF 13

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GENERAL NOTES

KEY NOTES



PLATFORM KEY PLAN 1
1" = 50'-0" A1320

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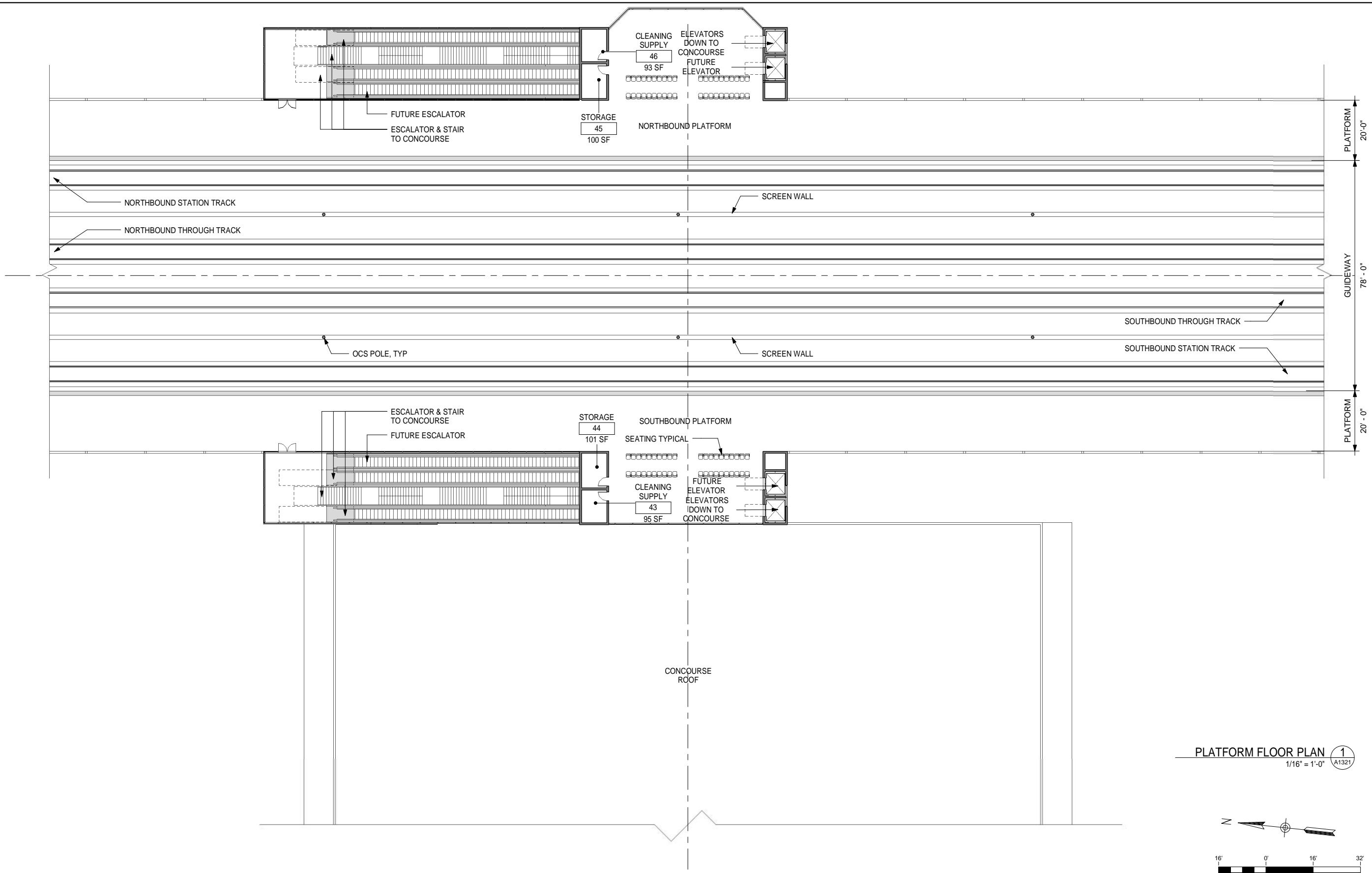


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FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
PLATFORM KEY PLAN

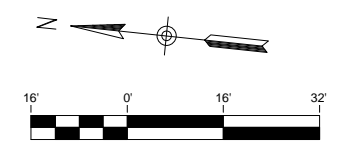
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1320
SCALE
1" = 50'-0"
SHEET NO.
5 OF 13

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PLATFORM FLOOR PLAN 1
1/16" = 1'-0" A1321



GENERAL NOTES

KEY NOTES

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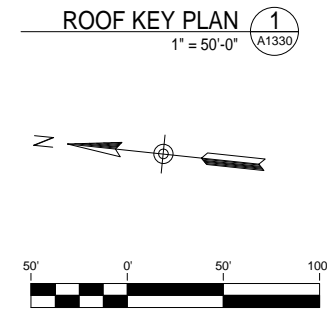
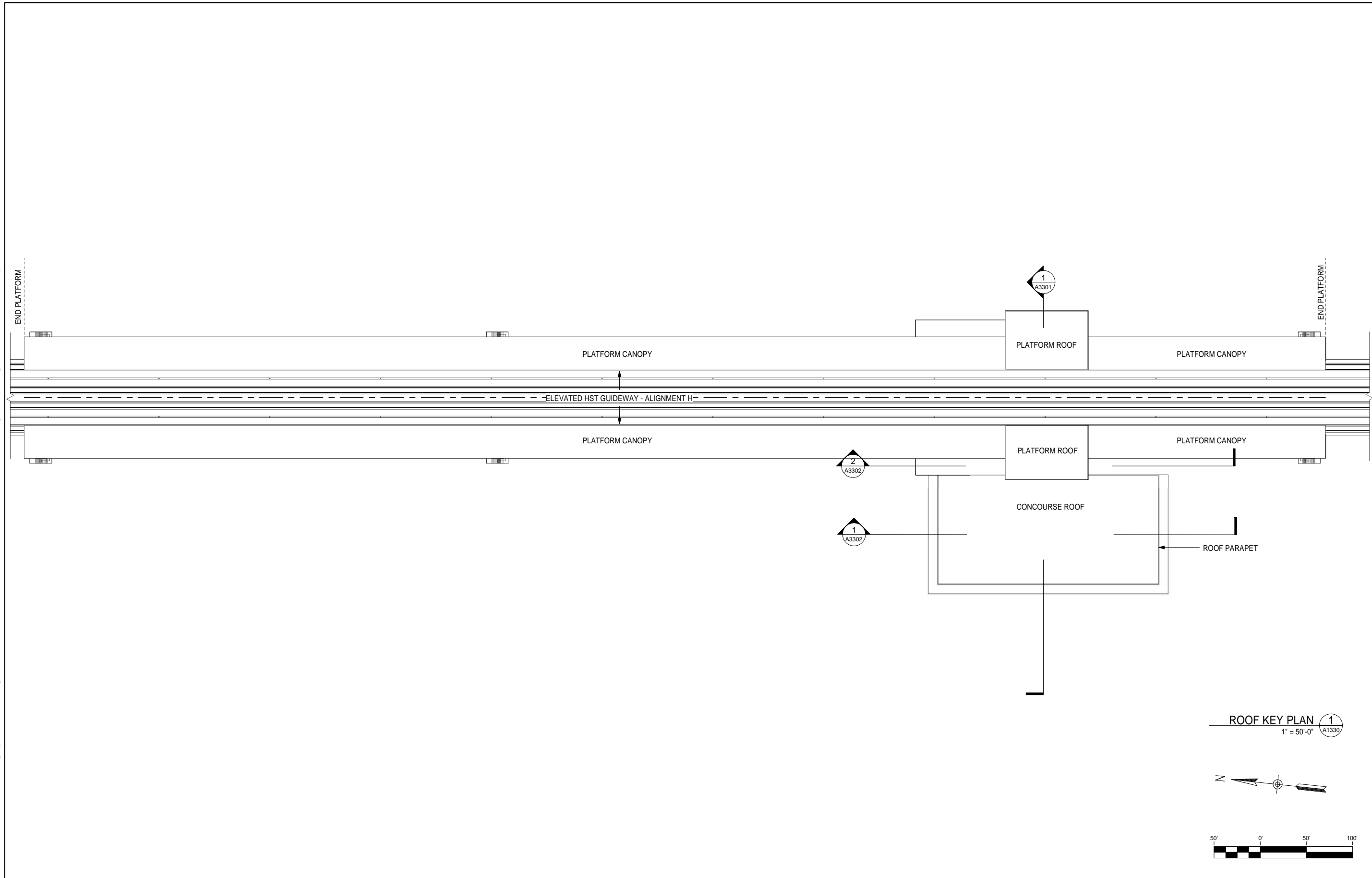


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
PLATFORM FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1321
SCALE
1/16" = 1'-0"
SHEET NO.
6 OF 13

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GENERAL NOTES

KEY NOTES

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E. NAOR

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 HANFORD SUBSECTION
 ALIGNMENT H
 KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
ROOF KEY PLAN

CONTRACT NO.
HSR 06-0003

DRAWING NO.
A1330

SCALE
1" = 50'-0"

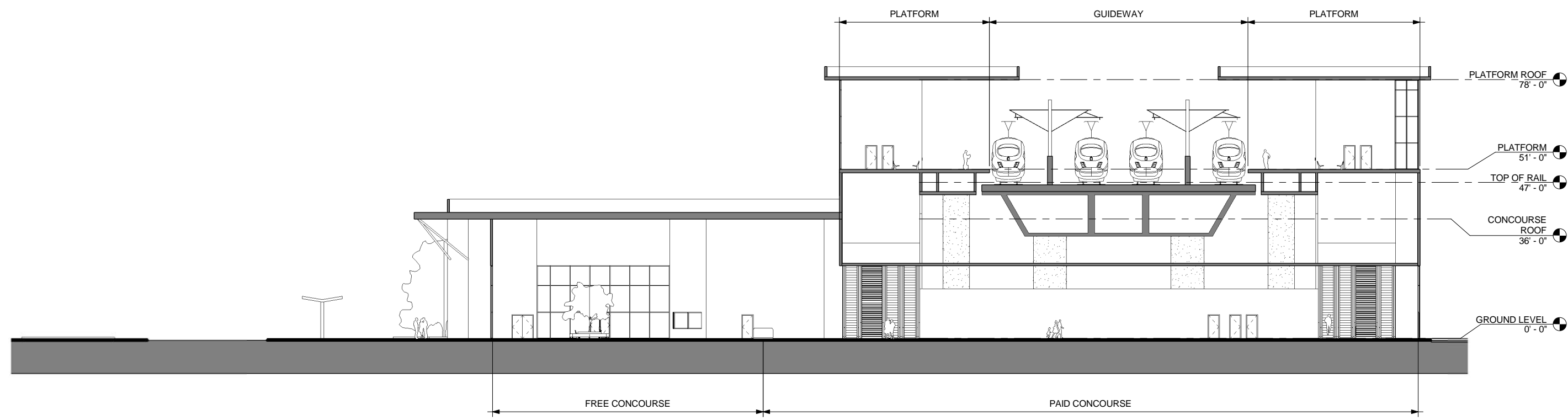
SHEET NO.
7 OF 13

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GENERAL NOTES

KEY NOTES



TRANSVERSE SECTION 1
1/16" = 1'-0" A3301



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HANFORD SUBSECTION
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BUILDING SECTIONS

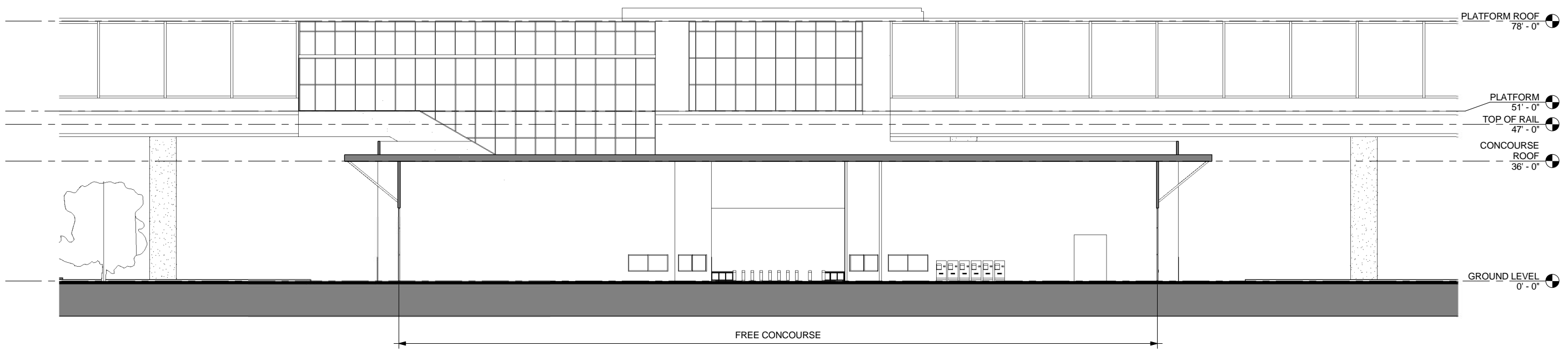
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3301
SCALE
1/16" = 1'-0"
SHEET NO.
8 OF 13

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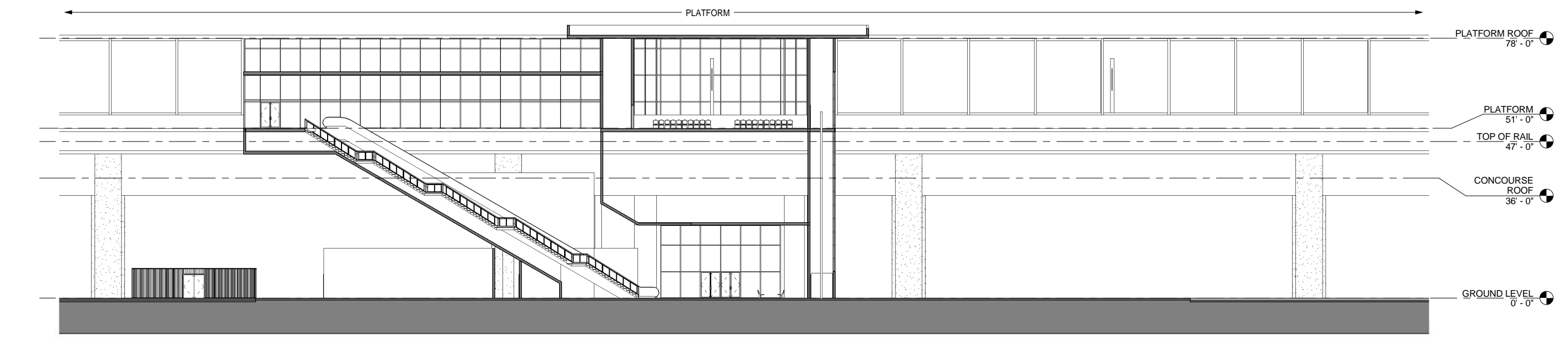
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GENERAL NOTES

KEY NOTES



LONGITUDINAL SECTION @ STATION CONCOURSE 1
1/16" = 1'-0" A3302



LONGITUDINAL SECTION @ PLATFORM ACCESS 2
1/16" = 1'-0" A3302



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FRESNO TO BAKERSFIELD
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
BUILDING SECTIONS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3302
SCALE
1/16" = 1'-0"
SHEET NO.
9 OF 13

ROOM SCHEDULE

No.	ROOM NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2. REFERENCE	COMMENTS
1	CONCOURSE FREE AREA	12412 SF	4110 SF	Table 6-2*	6.3.2	
2	PASSENGER SERVICE	462 SF	0 SF		6.6.2.3	
3	CLEANING SUPPLY	168 SF	150 SF		6.6.4.2	
4	STORAGE	168 SF	150 SF		6.6.4.3	
5	WOMEN'S RESTROOM	468 SF	0 SF	Size per code	6.3.4	
6	MEN'S RESTROOM	473 SF	0 SF	Size per code	6.3.4	
7	TRANSIT AGENCY OFFICES	426 SF			6.6.3.16	
8	MISC ROOMS	397 SF	300 SF		6.6.4.5	
9	FACILITY MAINTENANCE OFFICE	783 SF	320 SF		6.6.3.10	
10	LANDSCAPE MAINTENANCE	629 SF			6.6.4.4	
11	TICKET SALES	545 SF	150 SF	75 sq ft per window	6.6.2.2	Two Windows
12	TICKET ADMIN	250 SF	160 SF		6.6.3.7	
13	STATION MANAGER	370 SF	270 SF		6.6.3.3	
14	LOST & FOUND	87 SF	80 SF		6.6.2.5	
15	POLICE OFFICE	300 SF	160 SF		6.6.2.6	
16	SECURITY OFFICE	299 SF	160 SF		6.6.3.9	
17	TRAINING & MEETING ROOM	724 SF	200 SF		6.6.3.4	
18	BREAK ROOM	439 SF	200 SF		6.6.3.12	
19	STOR	265 SF				
20	CASH / TICKET	317 SF			6.6.3.8	
21	STATION ADMIN	304 SF	200 SF	100 sq ft per assigned staff	6.6.3.2	
22	FUTURE CONCESSION	1540 SF	1500 SF	Table 6-3	6.3.5	
23	FUTURE CONCESSION	1540 SF	1500 SF	Table 6-3	6.3.5	
24	ESCALATOR CONTROL ROOM	351 SF				
25	ELEV MACH ROOM	59 SF			6.5.3.6	
26	CONCOURSE PAID AREA	10884 SF	5950 SF	Table 6-2*	6.3.3	
27	ELEV MACH ROOM	59 SF			6.5.3.6	
28	STATION CONTROL ROOM	1270 SF	1100 SF		6.6.3.5	
29	OPERATIONS MAINTENANCE	1131 SF	1100 SF		6.6.3.11	
30	STATION COMPUTER ROOM	504 SF	500 SF		6.6.3.6	
31	ELECT SWITCH	187 SF	160 SF		6.6.7.2	
32	CLEANING SUPPLY	121 SF				
33	BATTERY	205 SF	200 SF		6.6.7.2	
34	PLUMBING	574 SF			6.6.6.4	
35	LV BATTERY	200 SF	200 SF		6.6.6.2	
36	REFUSE	818 SF	150 SF		6.6.4.1	
37	ELECTRICAL	988 SF	900 SF		6.6.6.2	
38	TRAIN CONTROL AND COMM ROOMS	1390 SF	1280 SF		6.6.7.1	
39	THIRD PARTY COMM	228 SF	160 SF		6.6.7.1	
40	COMM BATT	269 SF	160 SF		6.6.7.1	
41	FIRE PROTECTION	374 SF			6.6.6.3	
42	LV BATTERY	240 SF			6.6.6.2	
43	CLEANING SUPPLY	95 SF	80 SF		6.6.4.2	
44	STORAGE	101 SF	100 SF		6.6.4.3	
45	STORAGE	100 SF	100 SF		6.6.4.3	
46	CLEANING SUPPLY	93 SF	80 SF		6.6.4.2	

* STATION PUBLIC AREAS AND VERTICAL CIRCULATION ARE SIZED FOR PEAK PASSENGER FORECAST FOR FULL BUILD OUT (2035) AT 50% AIR FARES AS PROVIDED IN STATION AREA PARKING GUIDANCE TECHNICAL MEMORANDUM REV 4, DATED 6/20/2011

PEAK CUMULATIVE DAILY BOARDINGS OF 3,300 PASSENGERS

PEAK HOUR BOARDINGS (P60B) OF 495 PASSENGERS

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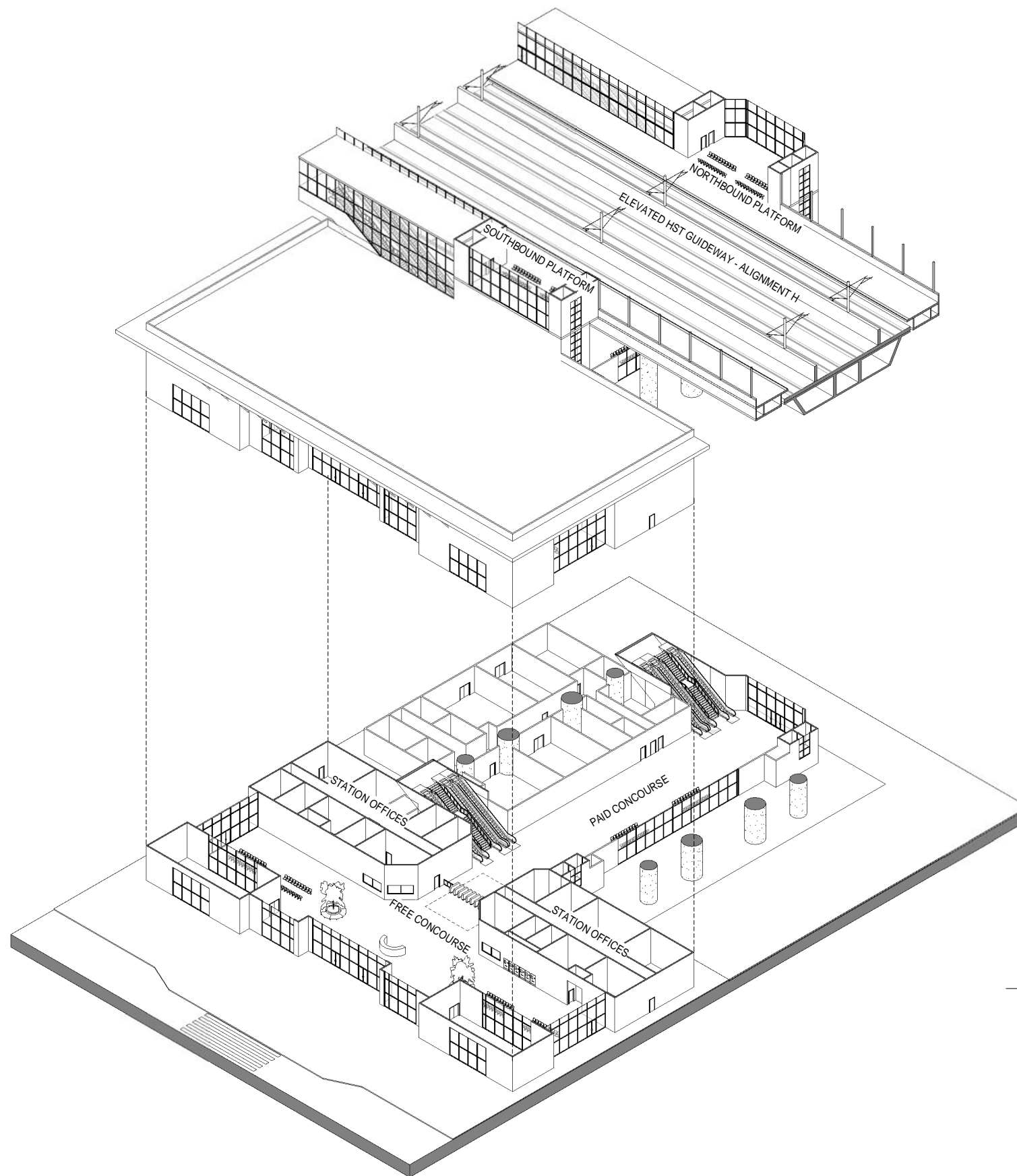


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 HANFORD SUBSECTION
 ALIGNMENT H
 KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
ROOM SCHEDULE

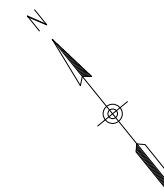
CONTRACT NO.	HSR 06-0003
DRAWING NO.	A6301
SCALE	
SHEET NO.	10 OF 13

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PLATFORM 2
A9301



GROUND LEVEL 1
A9301

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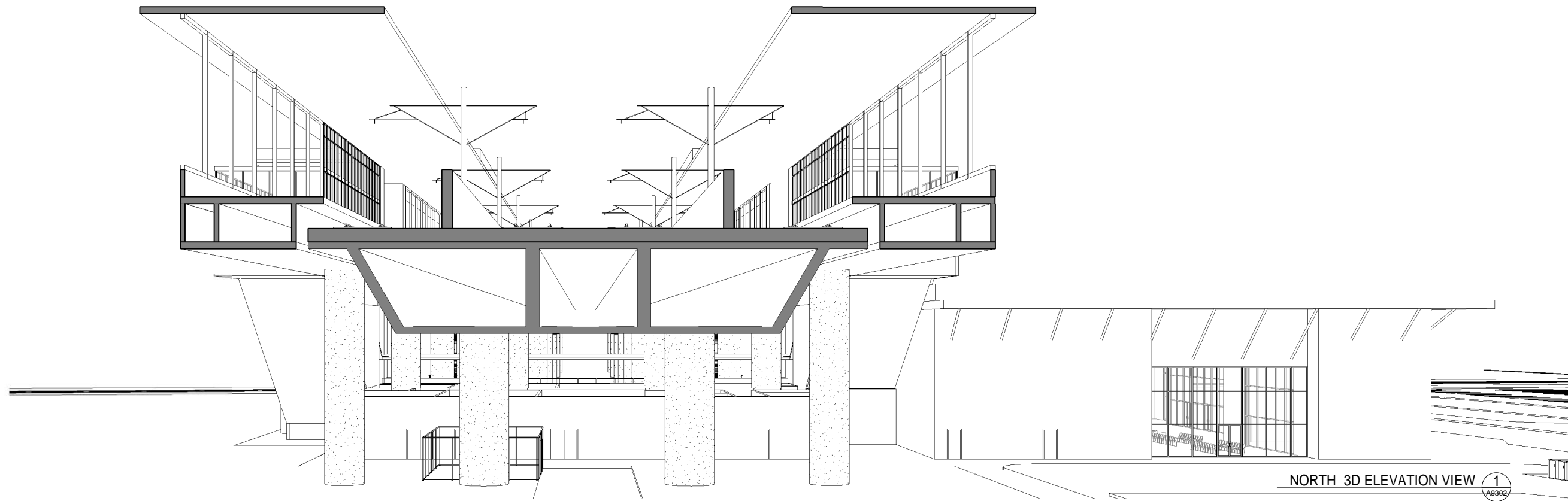


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
AXONOMETRIC VIEWS

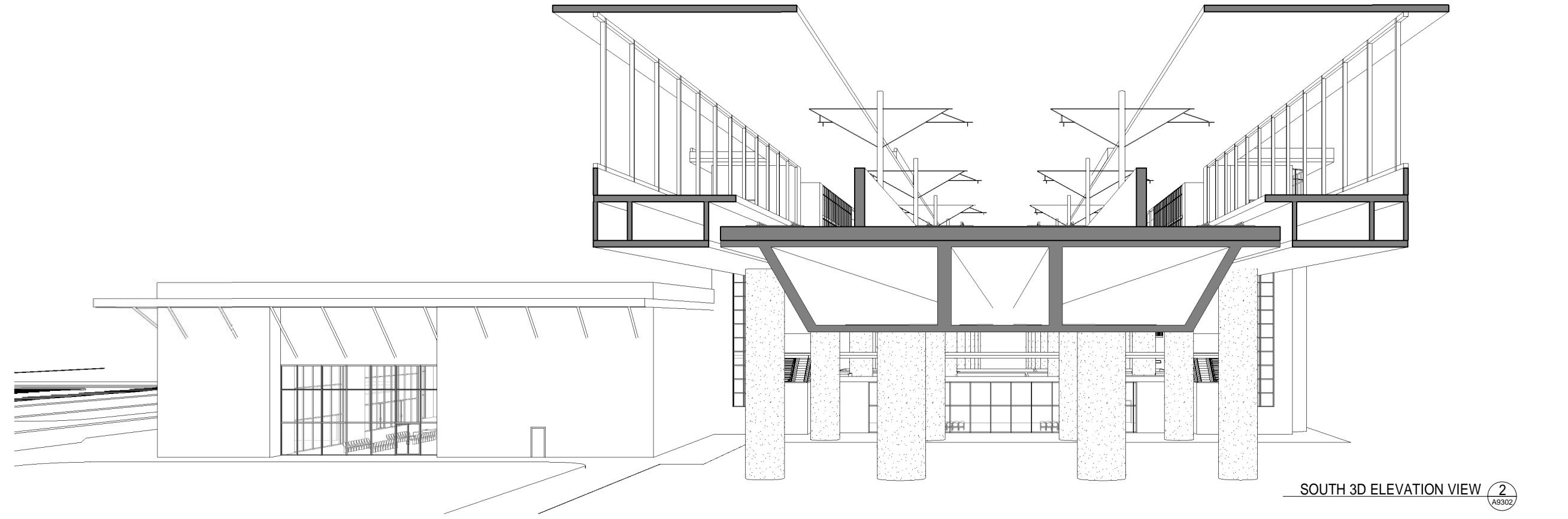
CONTRACT NO.
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A9301
SCALE
SHEET NO.
11 OF 13

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NORTH 3D ELEVATION VIEW 1
A9302



SOUTH 3D ELEVATION VIEW 2
A9302

GENERAL NOTES

KEY NOTES

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HANFORD SUBSECTION
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3D ELEVATION VIEWS

CONTRACT NO.
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A9302
SCALE
SHEET NO.
12 OF 13

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WEST 3D ELEVATION VIEW 1
A9303



EAST 3D ELEVATION VIEW 2
A9303

GENERAL NOTES

KEY NOTES

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3D ELEVATION VIEWS

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A9303
SCALE	
SHEET NO.	13 OF 13

SITE AREA & PARKING DATA

STATION CONCOURSE AREA = 35,400 SF
 PLATFORM AREA = 64,300 SF
 UNDERCROSSING AREA = 9,500 SF
 TOTAL STATION CAMPUS AREA = **48.3 ACRES**

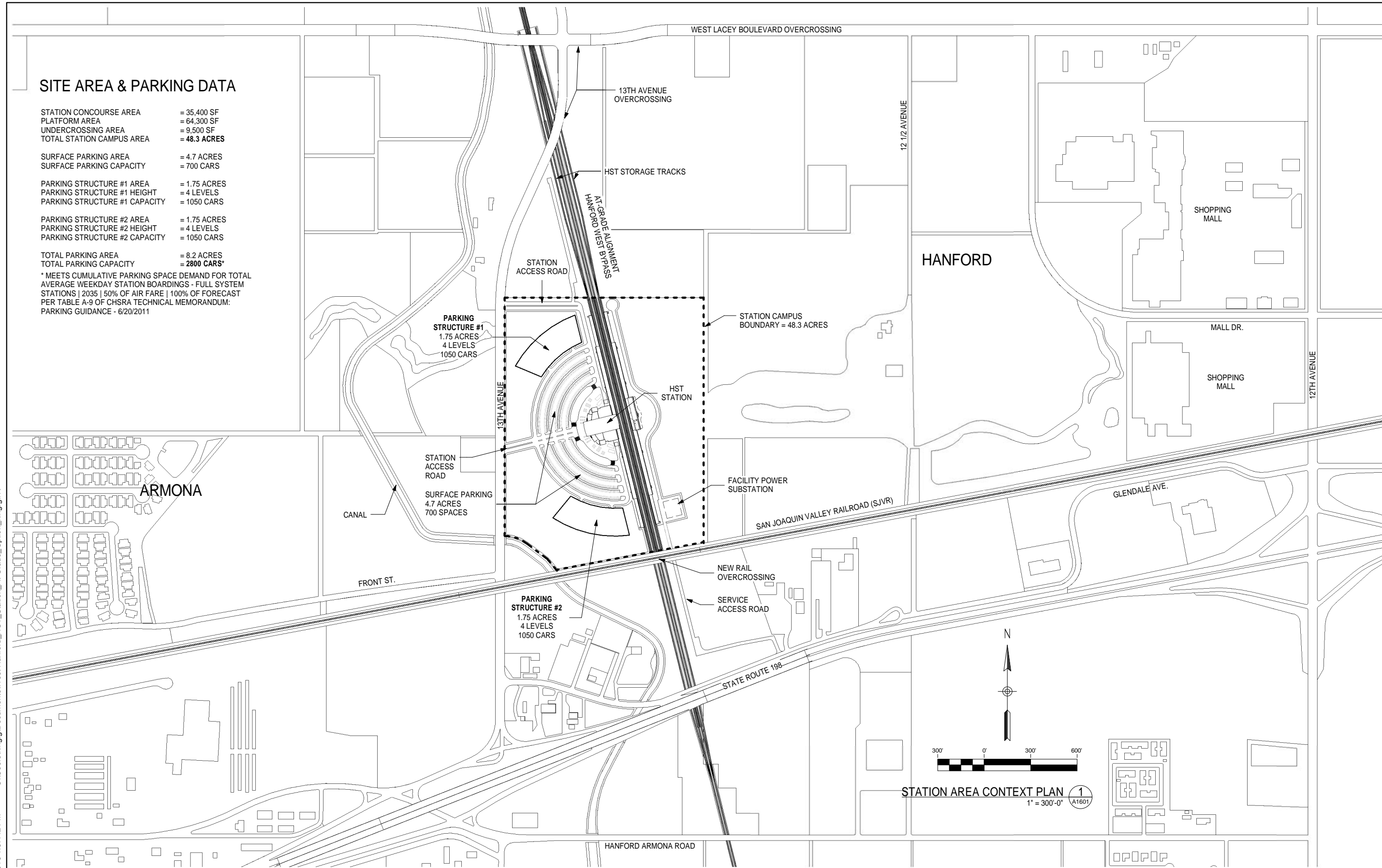
SURFACE PARKING AREA = 4.7 ACRES
 SURFACE PARKING CAPACITY = 700 CARS

PARKING STRUCTURE #1 AREA = 1.75 ACRES
 PARKING STRUCTURE #1 HEIGHT = 4 LEVELS
 PARKING STRUCTURE #1 CAPACITY = 1050 CARS

PARKING STRUCTURE #2 AREA = 1.75 ACRES
 PARKING STRUCTURE #2 HEIGHT = 4 LEVELS
 PARKING STRUCTURE #2 CAPACITY = 1050 CARS

TOTAL PARKING AREA = 8.2 ACRES
 TOTAL PARKING CAPACITY = **2800 CARS***

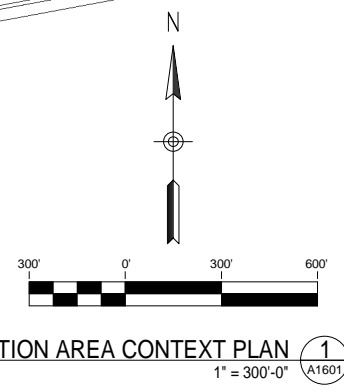
* MEETS CUMULATIVE PARKING SPACE DEMAND FOR TOTAL AVERAGE WEEKDAY STATION BOARDINGS - FULL SYSTEM STATIONS | 2035 | 50% OF AIR FARE | 100% OF FORECAST PER TABLE A-9 OF CHSRA TECHNICAL MEMORANDUM: PARKING GUIDANCE - 6/20/2011



KEY NOTES

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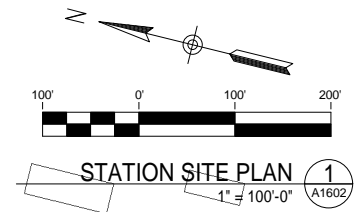
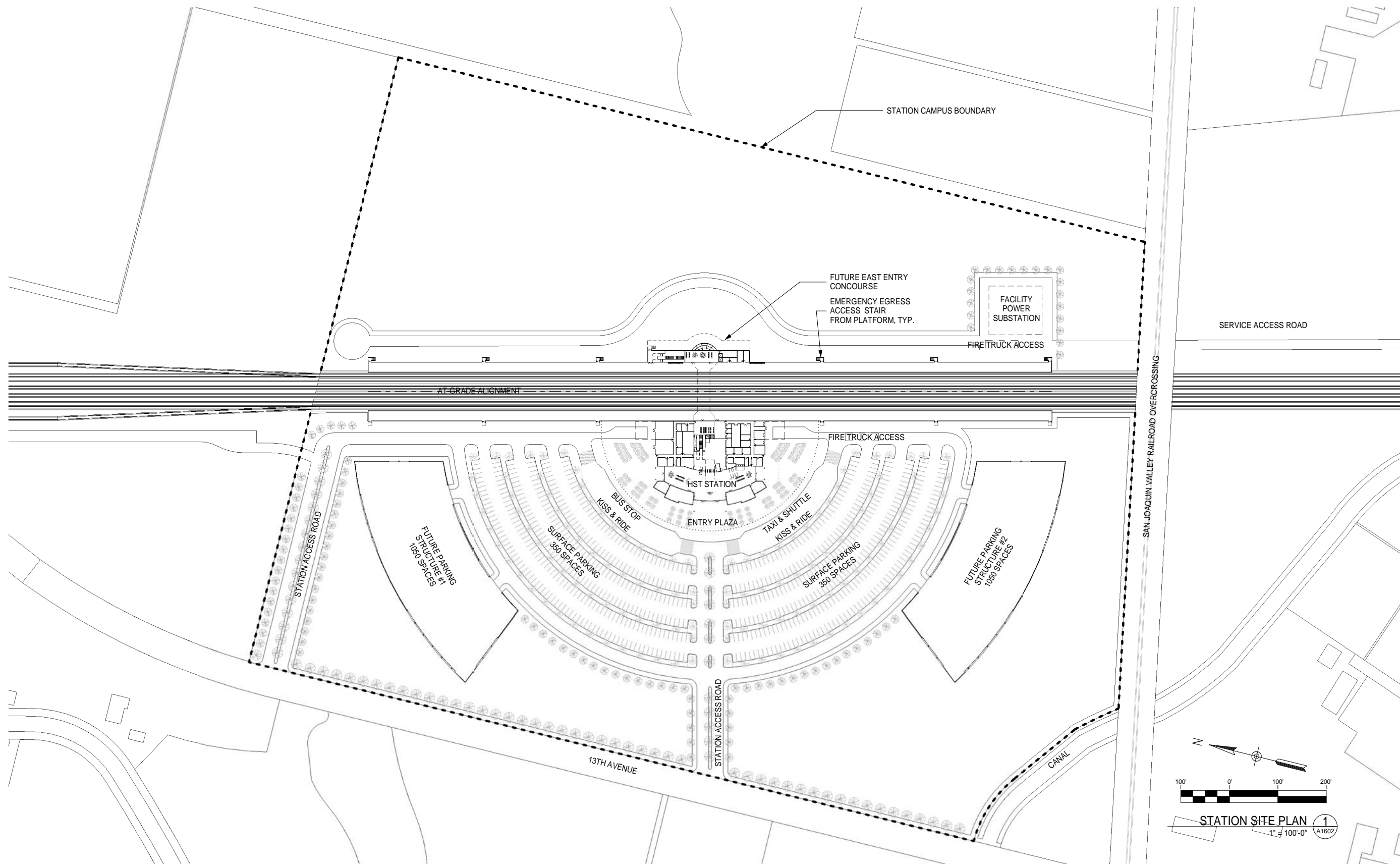
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 FRESNO TO BAKERSFIELD**
 HANFORD WEST BYPASS SUBSECTION
 ALIGNMENT HW
 KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
STATION AREA CONTEXT PLAN

CONTRACT NO.
HSR 06-0003
 DRAWING NO.
A1601
 SCALE
1" = 300'-0"
 SHEET NO.
1 OF 14



STATION SITE PLAN 1
1" = 100'-0" A1602

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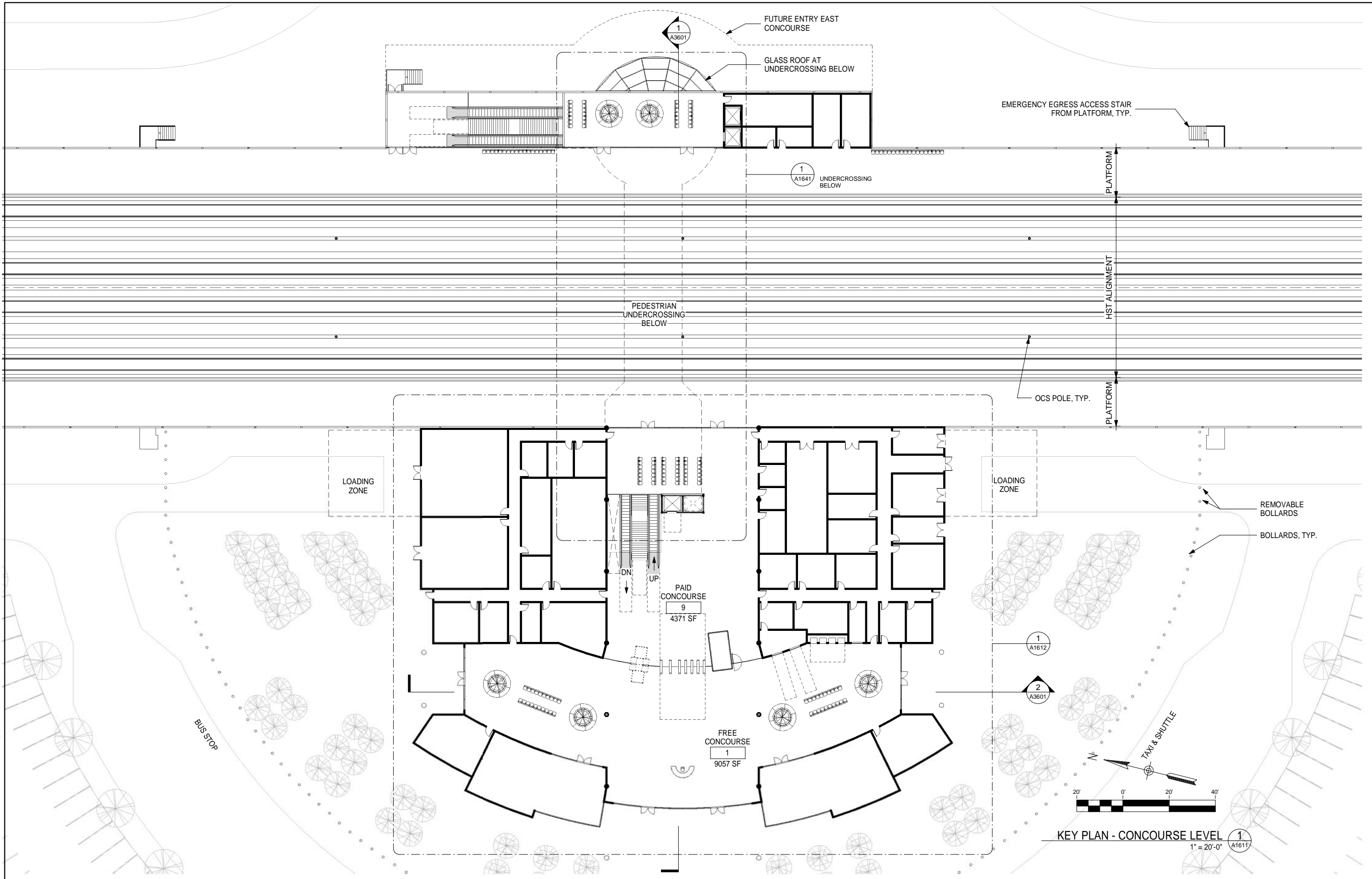


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HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
STATION SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1602
SCALE
1" = 100'-0"
SHEET NO.
2 OF 14

GENERAL NOTES

KEY NOTES



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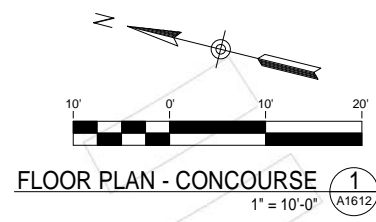
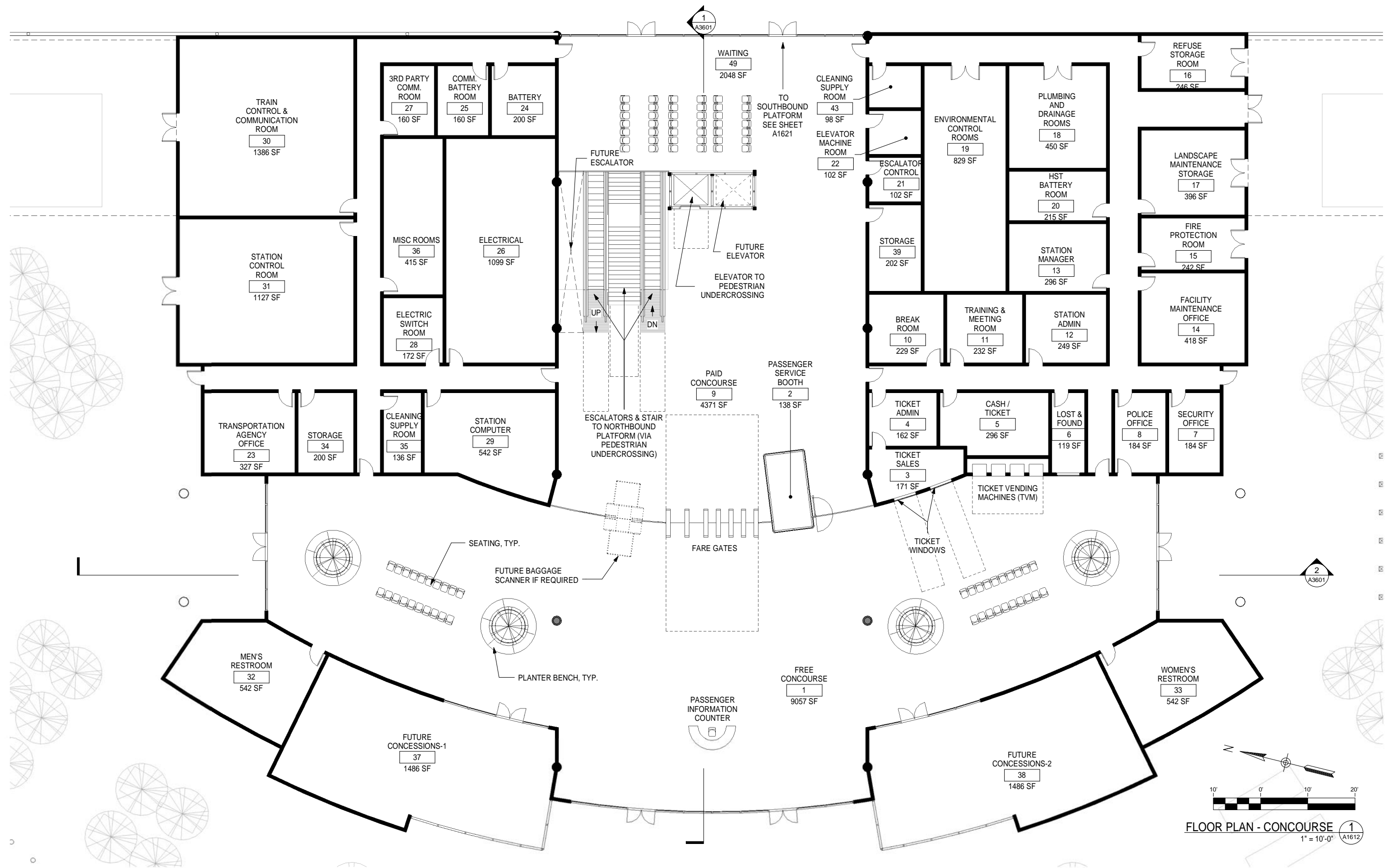


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
CONCOURSE KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1611
SCALE
1" = 20'-0"
SHEET NO.
3 OF 14

GENERAL NOTES

KEY NOTES



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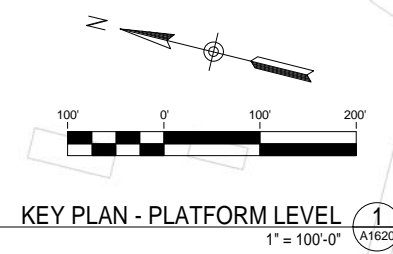
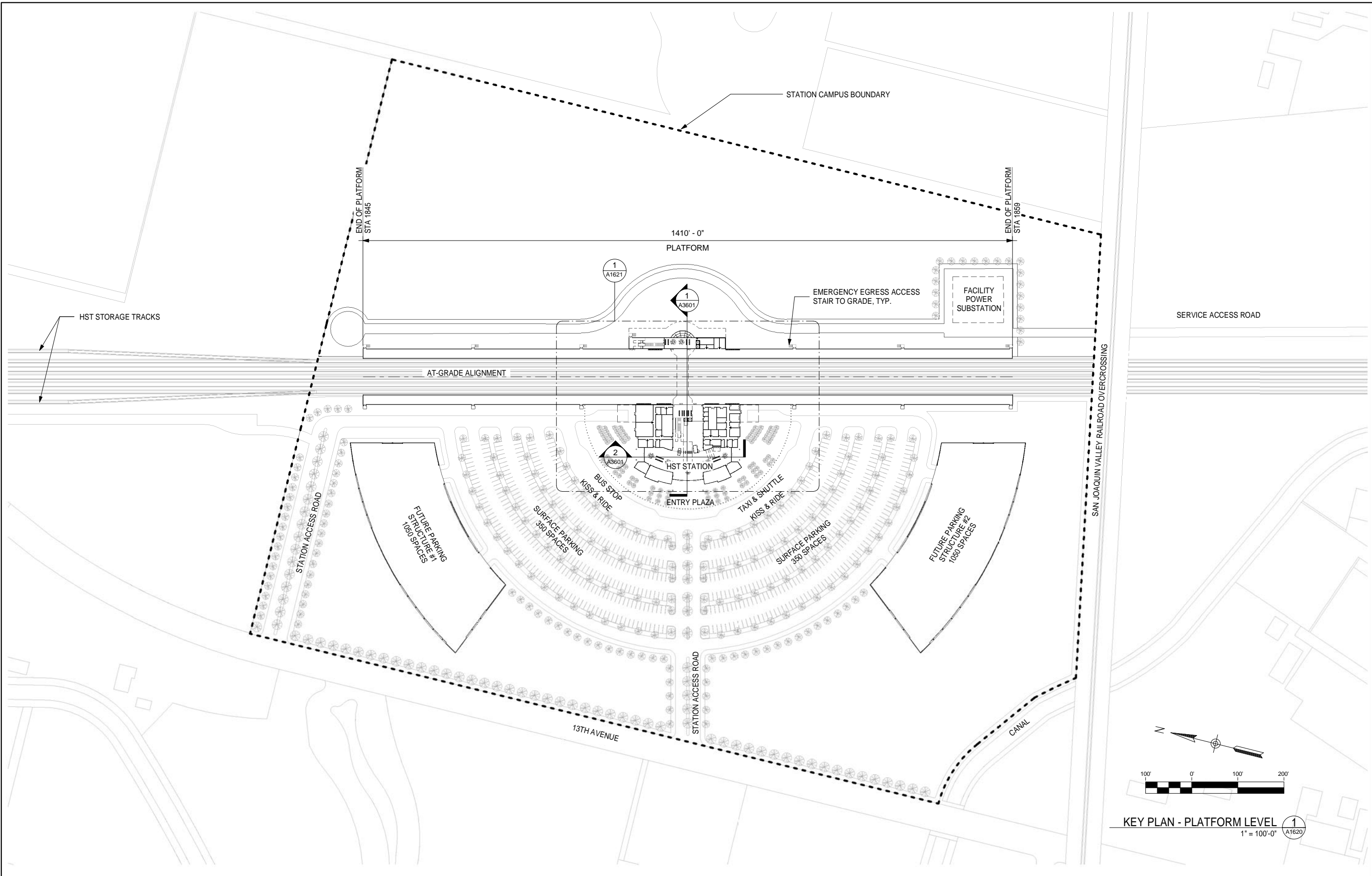
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 HANFORD WEST BYPASS SUBSECTION
 ALIGNMENT HW
 KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
CONCOURSE DETAIL PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1612
SCALE
1" = 10'-0"
SHEET NO.
4 OF 14



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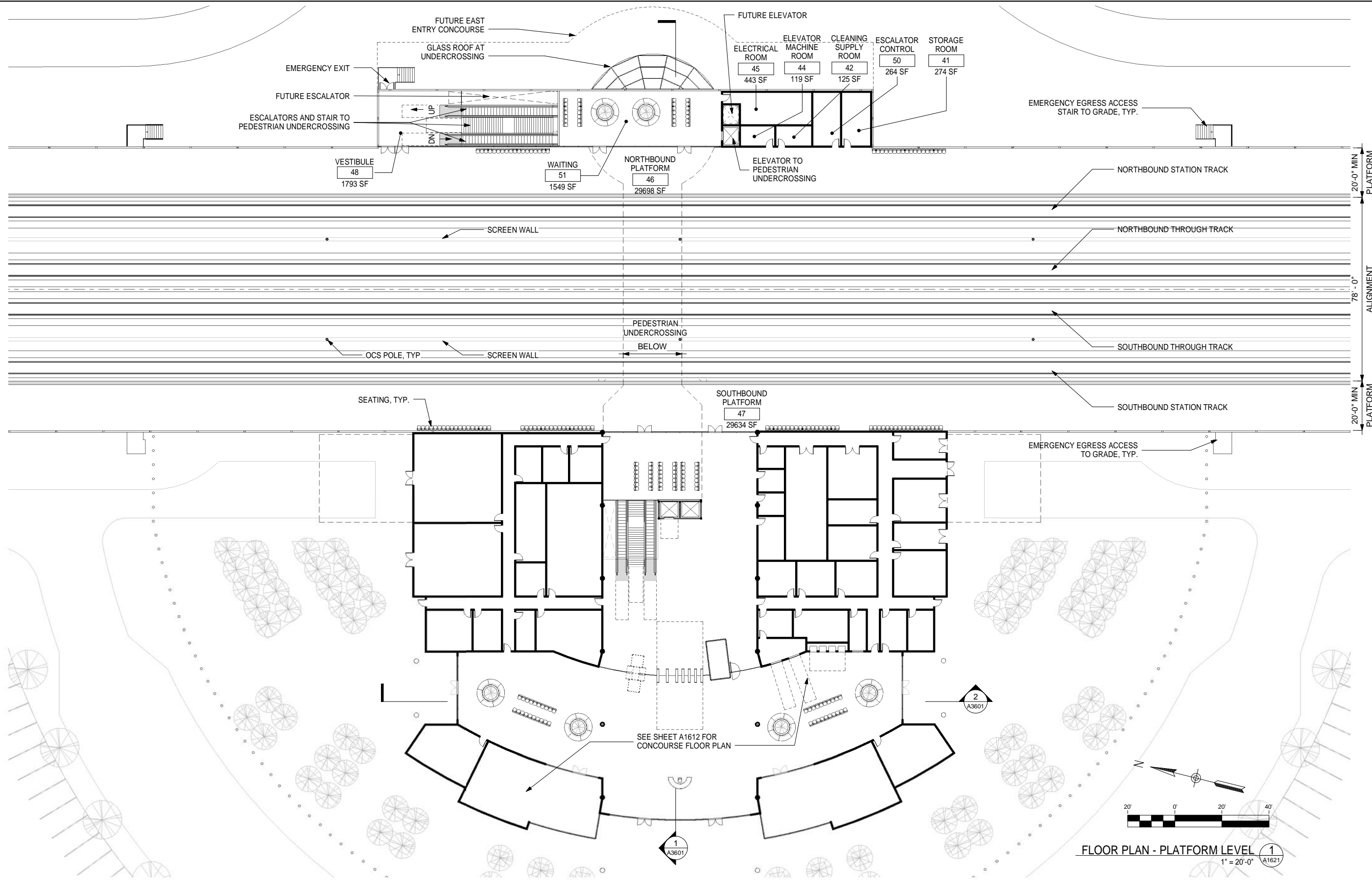


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
PLATFORM KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1620
SCALE
1" = 100'-0"
SHEET NO.
5 OF 14

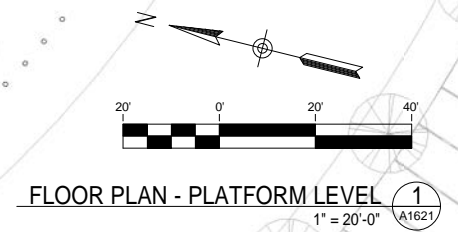
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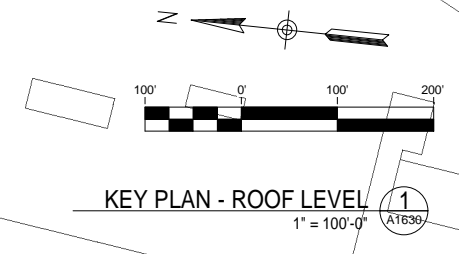
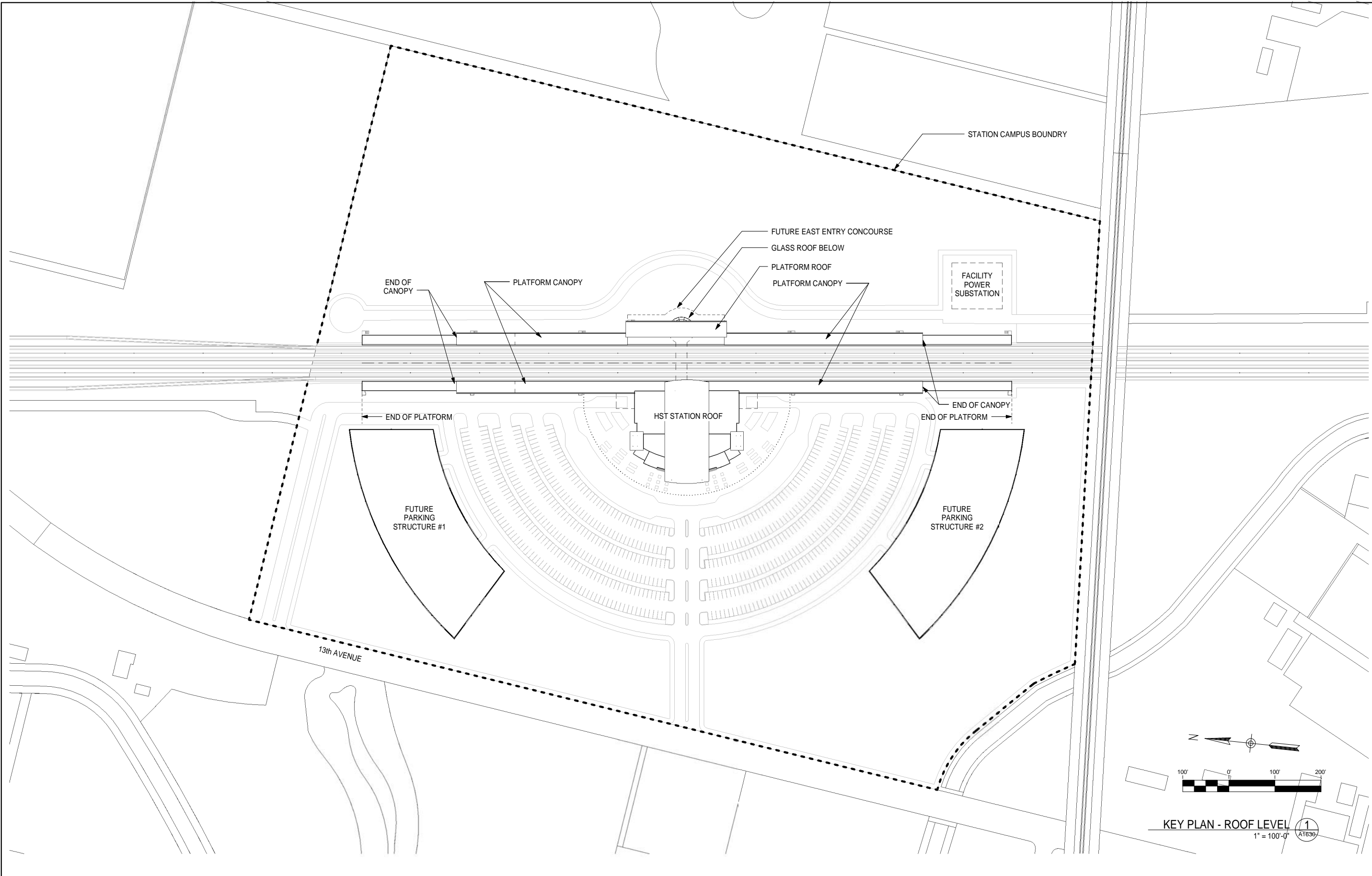
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FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
PLATFORM FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1621
SCALE
1" = 20'-0"
SHEET NO.
6 OF 14



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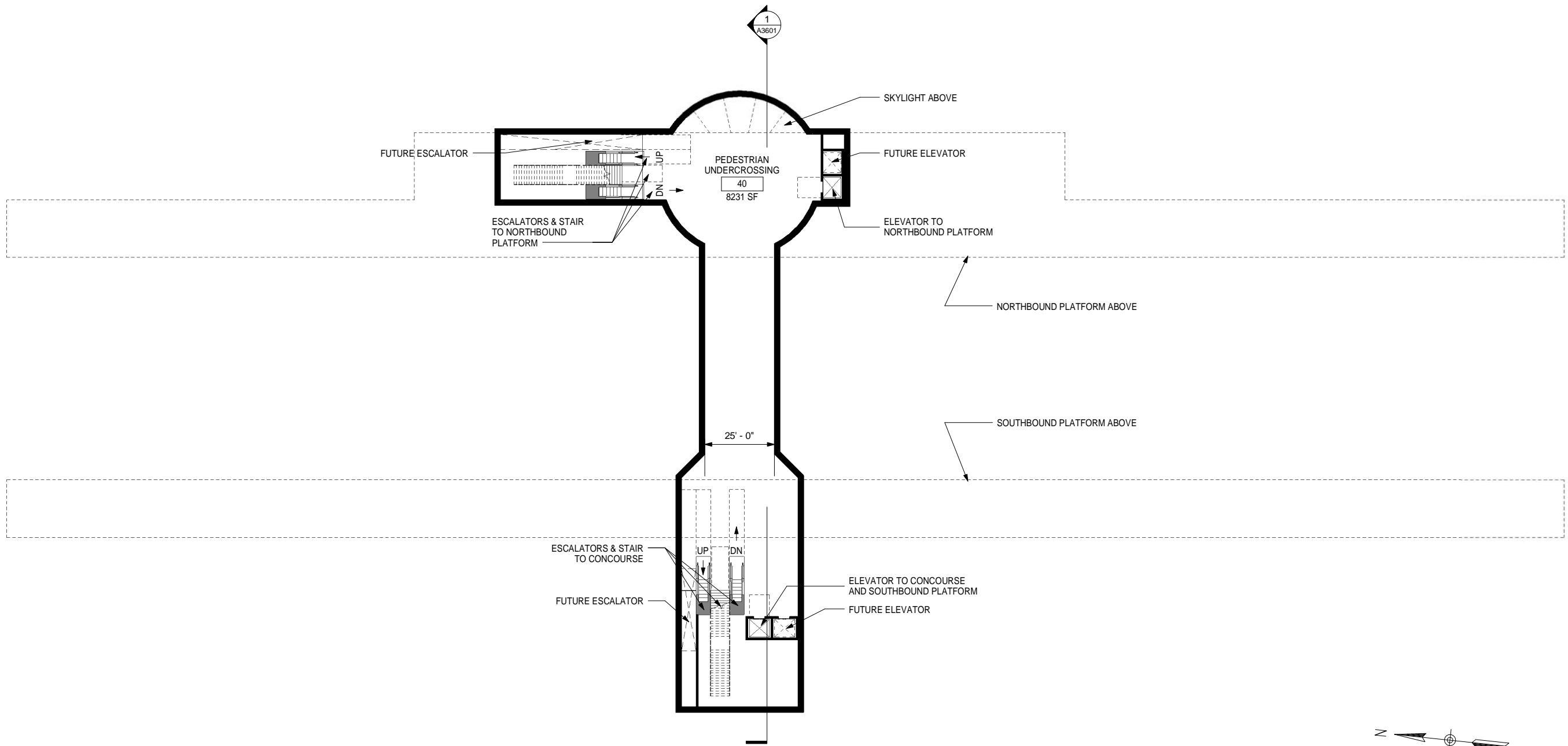


CALIFORNIA HIGH-SPEED TRAIN PROJECT
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HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
ROOF KEY PLAN

CONTRACT NO.
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DRAWING NO.
A1630
SCALE
1" = 100'-0"
SHEET NO.
7 OF 14

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FLOOR PLAN - UNDERCROSSING LEVEL 1
1" = 20'-0" A1641

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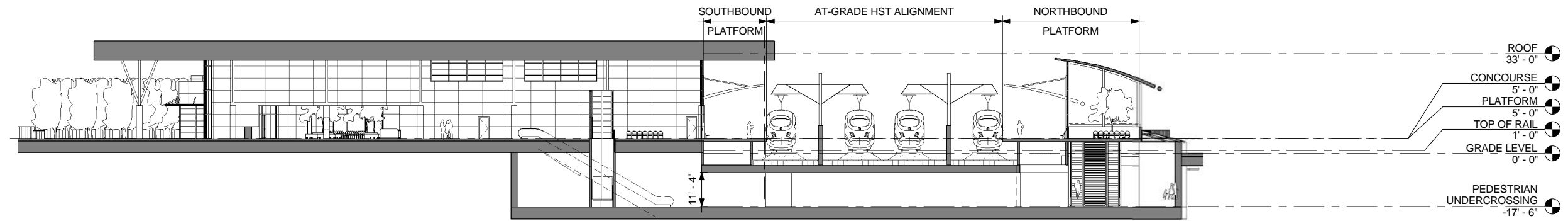
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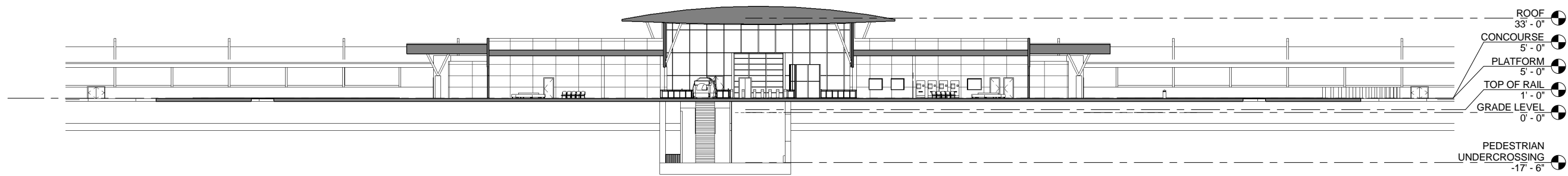


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
UNDERCROSSING LEVEL FLOOR PLAN

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A1641
SCALE	1" = 20'-0"
SHEET NO.	8 OF 14



TRANSVERSE SECTION - CONCOURSE 1
1" = 20'-0" A3601



LONGITUDINAL SECTION - CONCOURSE 2
1" = 20'-0" A3601



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E. NAOR
DRAWN BY
D. BACKMAN
CHECKED BY
F. KING
IN CHARGE
E. NAOR
DATE
12/31/13

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
BUILDING SECTIONS

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A3601
SCALE	1" = 20'-0"
SHEET NO.	9 OF 14

ROOM SCHEDULE

No.	ROOM NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2. REFERENCE	COMMENTS
1	FREE CONCOURSE	9057 SF		Table 6-2 *	6.3.2	
2	PASSENGER SERVICE BOOTH	138 SF			6.6.2.3	
3	TICKET SALES	171 SF	150 SF	75 sf per window	6.6.2.2	Two windows
4	TICKET ADMIN	162 SF	160 SF		6.6.3.7	
5	CASH / TICKET	296 SF	260 SF		6.6.3.8	
6	LOST & FOUND	119 SF	80 SF		6.6.2.5	
7	SECURITY OFFICE	184 SF	160 SF		6.6.3.9	
8	POLICE OFFICE	184 SF	160 SF		6.6.2.6	
9	PAID CONCOURSE	4371 SF		Table 6-2 *	6.3.3	
10	BREAK ROOM	229 SF	200 SF		6.6.3.12	
11	TRAINING & MEETING ROOM	232 SF	200 SF		6.6.3.4	
12	STATION ADMIN	249 SF		100 SF per assigned staff	6.6.3.2	
13	STATION MANAGER	296 SF	270 SF		6.6.3.3	
14	FACILITY MAINTENANCE OFFICE	418 SF	330 SF		6.6.3.10	
15	FIRE PROTECTION ROOM	242 SF	0 SF		6.6.6.3	
16	REFUSE STORAGE ROOM	246 SF	150 SF		6.6.4.1	
17	LANDSCAPE MAINTENANCE STORAGE	396 SF			6.6.4.4	
18	PLUMBING AND DRAINAGE ROOMS	450 SF	150 SF		6.6.6.4	
19	ENVIRONMENTAL CONTROL ROOMS	829 SF	0 SF		6.6.6.1	
20	HST BATTERY ROOM	215 SF	150 SF		6.6.7.2	
21	ESCALATOR CONTROL	102 SF	0 SF			
22	ELEVATOR MACHINE ROOM	102 SF	0 SF		6.5.3.6	
23	TRANSPORTATION AGENCY OFFICE	327 SF			6.6.3.16	
24	BATTERY	200 SF	200 SF		6.6.6.2	
25	COMM. BATTERY ROOM	160 SF	160 SF		6.6.7.1	
26	ELECTRICAL	1099 SF	450 SF		6.6.6.2	
27	3RD PARTY COMM. ROOM	160 SF	160 SF		6.6.7.1	
28	ELECTRIC SWITCH ROOM	172 SF	160 SF		6.6.7.2	
29	STATION COMPUTER	542 SF	500 SF		6.6.3.6	
30	TRAIN CONTROL & COMMUNICATION ROOM	1386 SF	1280 SF		6.6.7.1	
31	STATION CONTROL ROOM	1127 SF	1100 SF		6.6.3.5	
32	MEN'S RESTROOM	542 SF		Size per code	6.3.4	
33	WOMEN'S RESTROOM	542 SF		Size per code	6.3.4	
34	STORAGE	200 SF	150 SF		6.6.4.3	
35	CLEANING SUPPLY ROOM	136 SF	80 SF		6.6.4.2	
36	MISC ROOMS	415 SF	300 SF		6.6.4.5	
37	FUTURE CONCESSIONS-1	1486 SF	1500 SF	Table 6-3	6.3.5	
38	FUTURE CONCESSIONS-2	1486 SF	1500 SF	Table 6-3	6.3.5	
39	STORAGE	202 SF			6.6.4.3	
40	PEDESTRIAN UNDERCROSSING	8231 SF			6.5.2.5	16 ft min. width
41	STORAGE ROOM	274 SF	100 SF		6.6.4.3	
42	CLEANING SUPPLY ROOM	125 SF	80 SF		6.6.4.2	
43	CLEANING SUPPLY ROOM	98 SF	80 SF		6.6.4.2	
44	ELEVATOR MACHINE ROOM	119 SF			6.5.3.6	
45	ELECTRICAL ROOM	443 SF	450 SF		6.6.6.2	
46	NORTHBOUND PLATFORM	29698 SF		25 sf min per boarding passenger *	6.4.2	
47	SOUTHBOUND PLATFORM	29634 SF		25 sf min per boarding passenger *	6.4.2	
48	VESTIBULE	1793 SF		Table 6-2 *	6.5.1.4	
49	WAITING	2048 SF		Table 6-2 *	6.3.3.2	
50	ESCALATOR CONTROL	264 SF				
51	WAITING	1549 SF		Table 6-2 *	6.3.3.2	

* STATION PUBLIC AREAS AND VERTICAL CIRCULATION ARE SIZED FOR PEAK PASSENGER FORECAST FOR FULL BUILD OUT (2035) AT 50% AIR FARES AS PROVIDED IN STATION AREA PARKING GUIDANCE TECHNICAL MEMORANDUM REV 4, DATED 6/20/2011

PEAK CUMULATIVE DAILY BOARDINGS OF 3,300 PASSENGERS

PEAK HOUR BOARDINGS (P60B) OF 495 PASSENGERS

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D. BACKMAN

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F. KING

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E. NAOR

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12/31/13

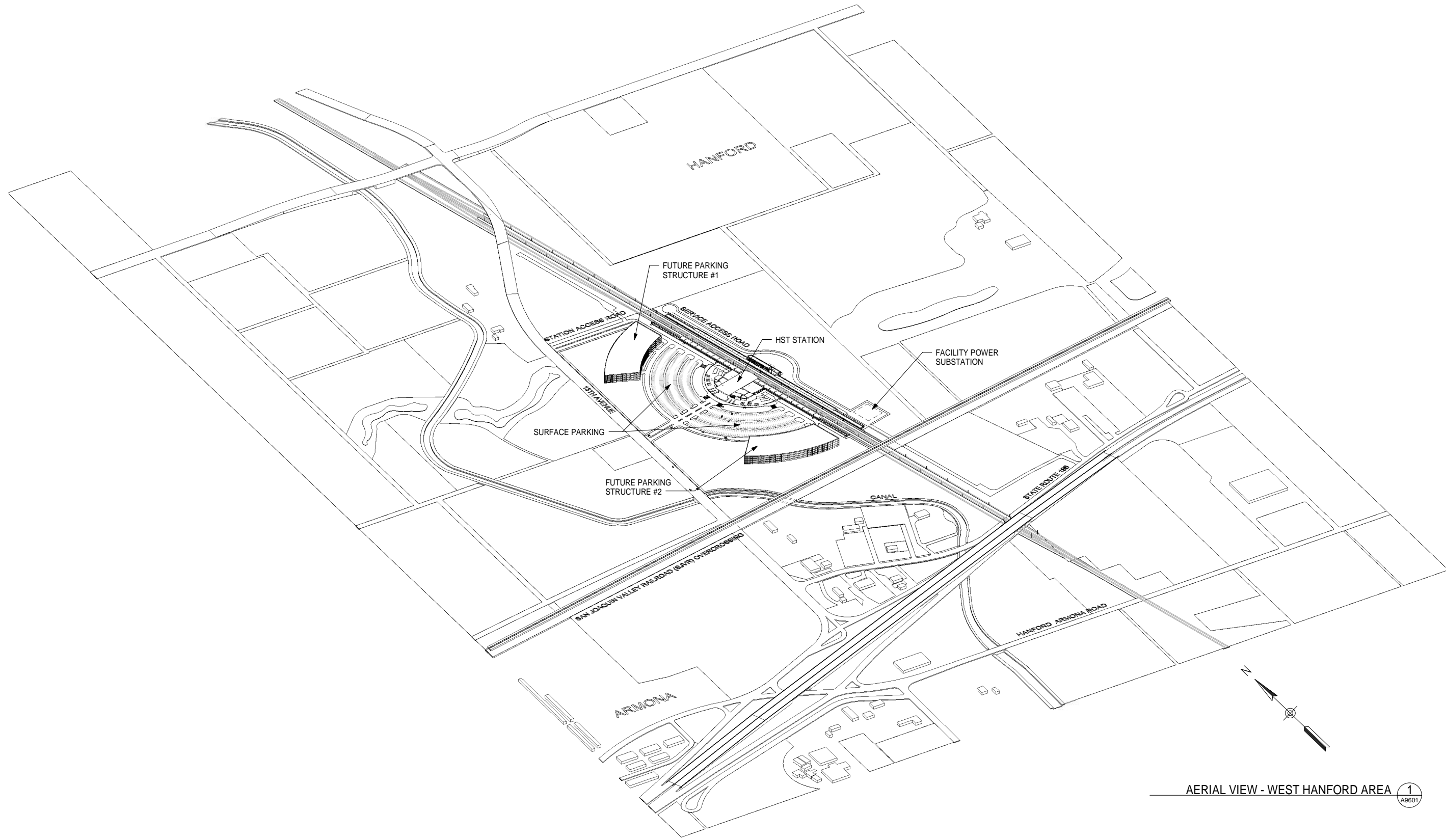
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 HANFORD WEST BYPASS SUBSECTION
 ALIGNMENT HW
 KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
ROOM SCHEDULE

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A6601
SCALE	
SHEET NO.	10 OF 14



AERIAL VIEW - WEST HANFORD AREA 1
A9601

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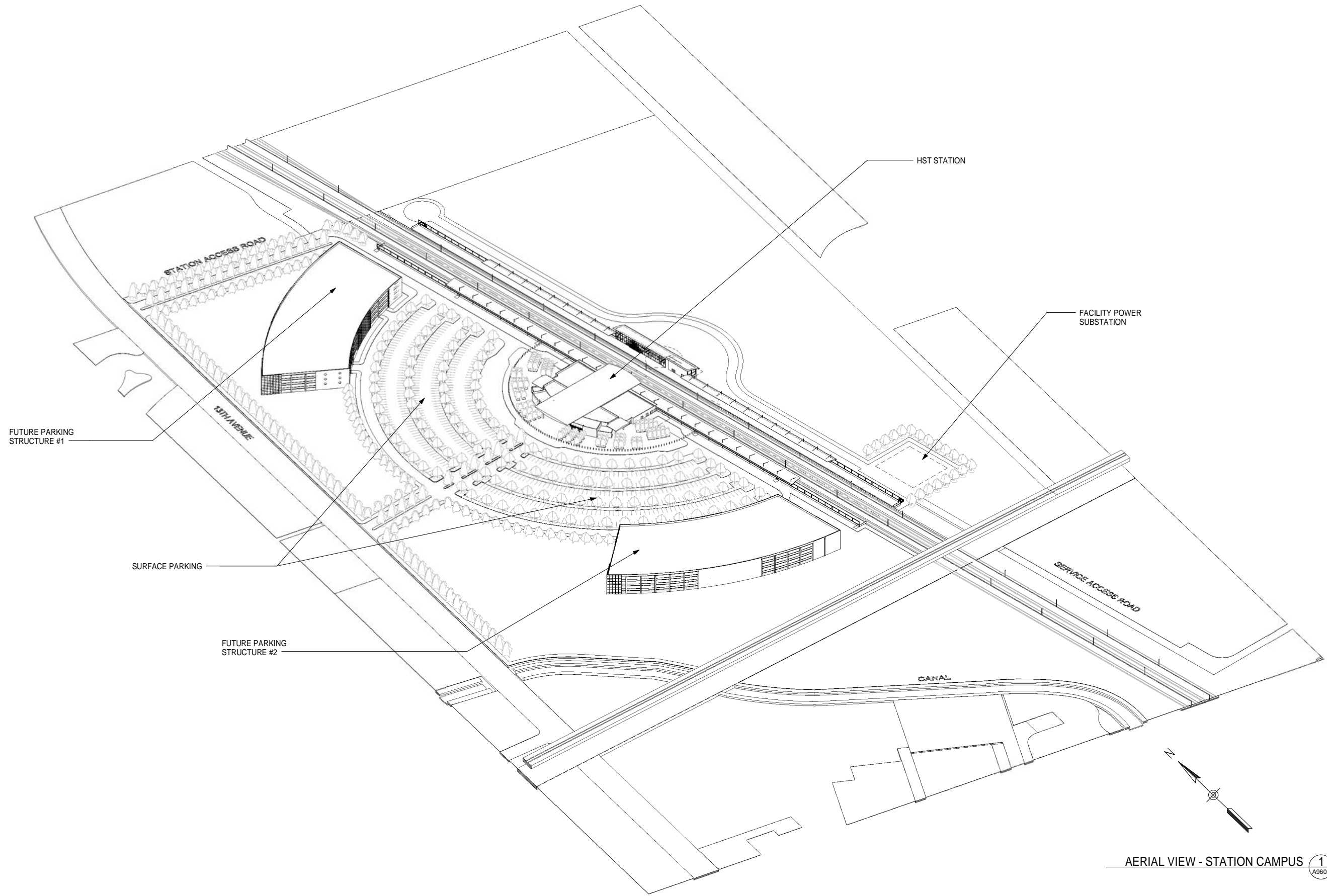


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
AERIAL VIEW - CONTEXT

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9601
SCALE
SHEET NO.
11 OF 14

GENERAL NOTES

KEY NOTES



AERIAL VIEW - STATION CAMPUS (1) A9602

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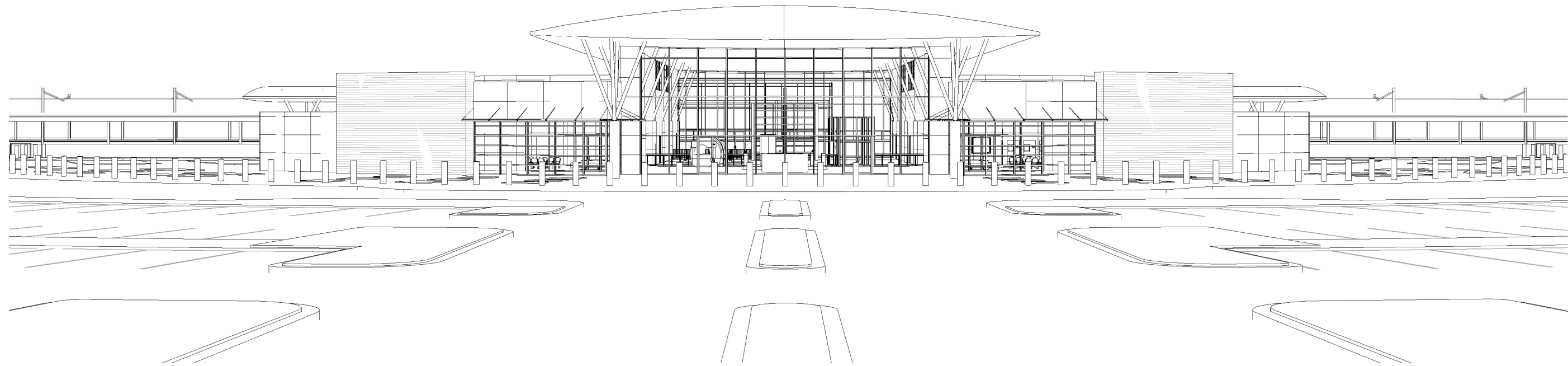
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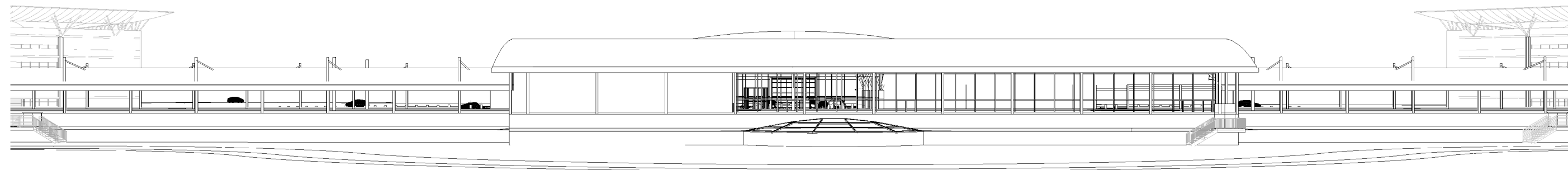


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
AERIAL VIEW - CAMPUS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9602
SCALE
SHEET NO.
12 OF 14



3D ELEVATION VIEW - WEST 1
A9603



3D ELEVATION VIEW - EAST 2
A9603

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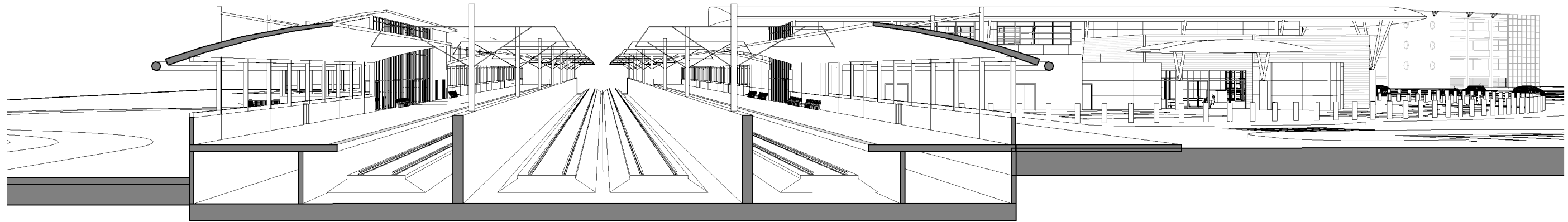
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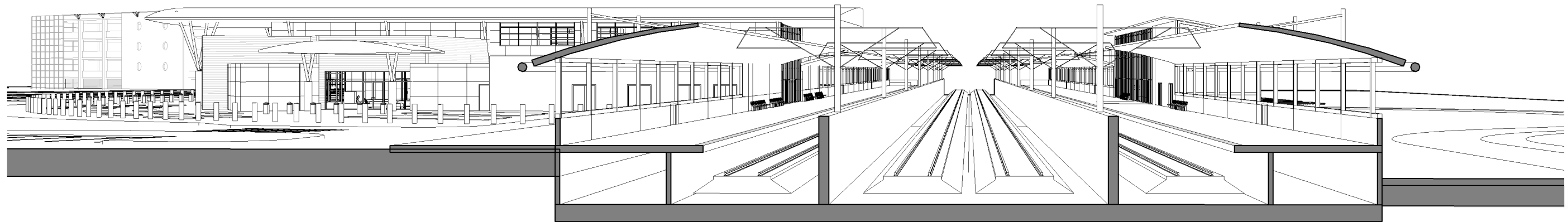


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9603
SCALE
SHEET NO.
13 OF 14



3D ELEVATION VIEW - NORTH 1
A9604



3D ELEVATION VIEW - SOUTH 2
A9604

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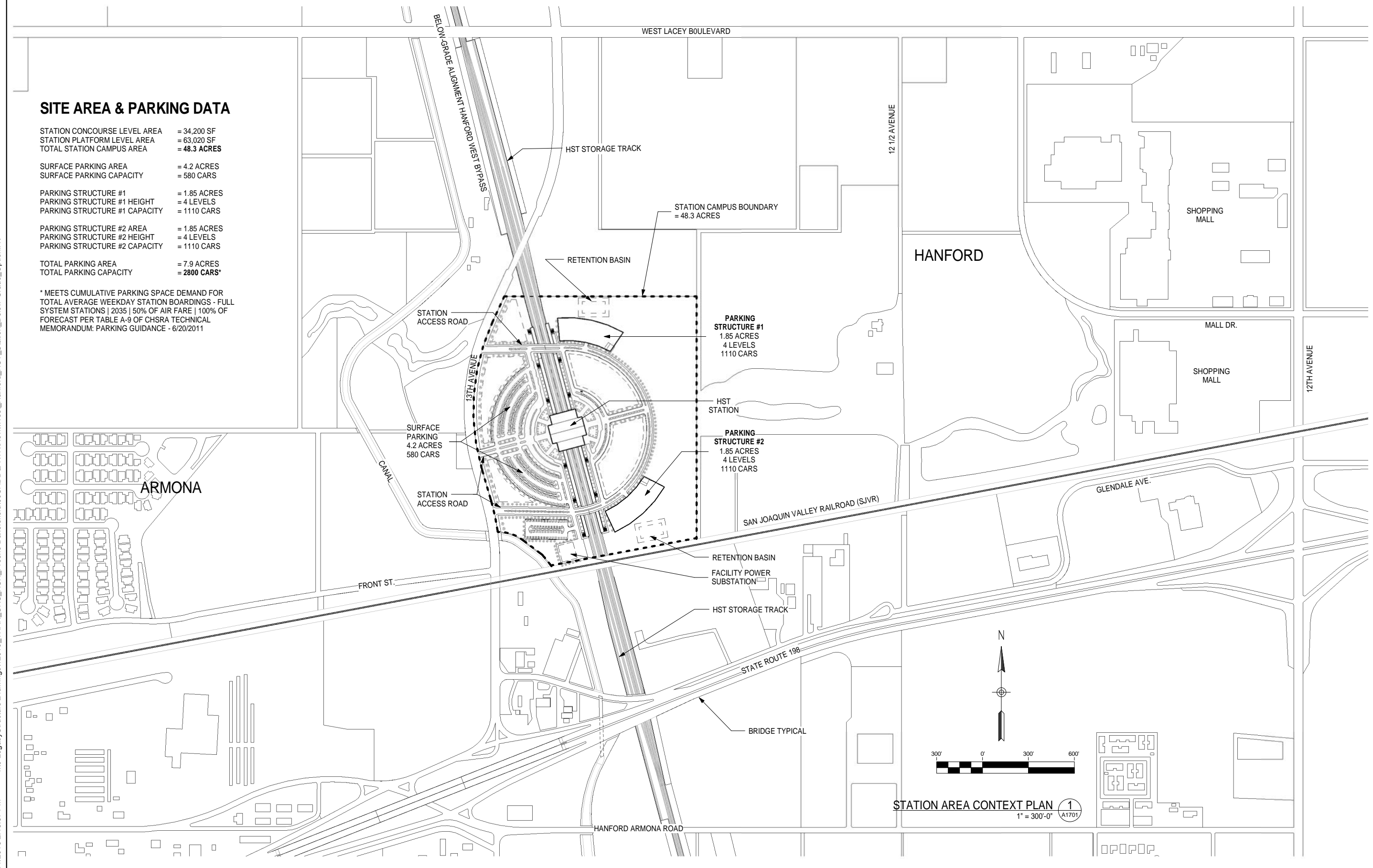
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FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9604
SCALE
SHEET NO.
14 OF 14

SITE AREA & PARKING DATA

STATION CONCOURSE LEVEL AREA	= 34,200 SF
STATION PLATFORM LEVEL AREA	= 63,020 SF
TOTAL STATION CAMPUS AREA	= 48.3 ACRES
SURFACE PARKING AREA	= 4.2 ACRES
SURFACE PARKING CAPACITY	= 580 CARS
PARKING STRUCTURE #1	= 1.85 ACRES
PARKING STRUCTURE #1 HEIGHT	= 4 LEVELS
PARKING STRUCTURE #1 CAPACITY	= 1110 CARS
PARKING STRUCTURE #2 AREA	= 1.85 ACRES
PARKING STRUCTURE #2 HEIGHT	= 4 LEVELS
PARKING STRUCTURE #2 CAPACITY	= 1110 CARS
TOTAL PARKING AREA	= 7.9 ACRES
TOTAL PARKING CAPACITY	= 2800 CARS*

* MEETS CUMULATIVE PARKING SPACE DEMAND FOR TOTAL AVERAGE WEEKDAY STATION BOARDINGS - FULL SYSTEM STATIONS | 2035 | 50% OF AIR FARE | 100% OF FORECAST PER TABLE A-9 OF CHSRA TECHNICAL MEMORANDUM: PARKING GUIDANCE - 6/20/2011



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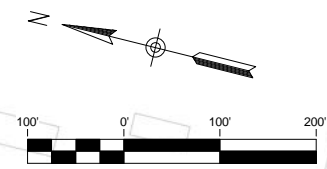
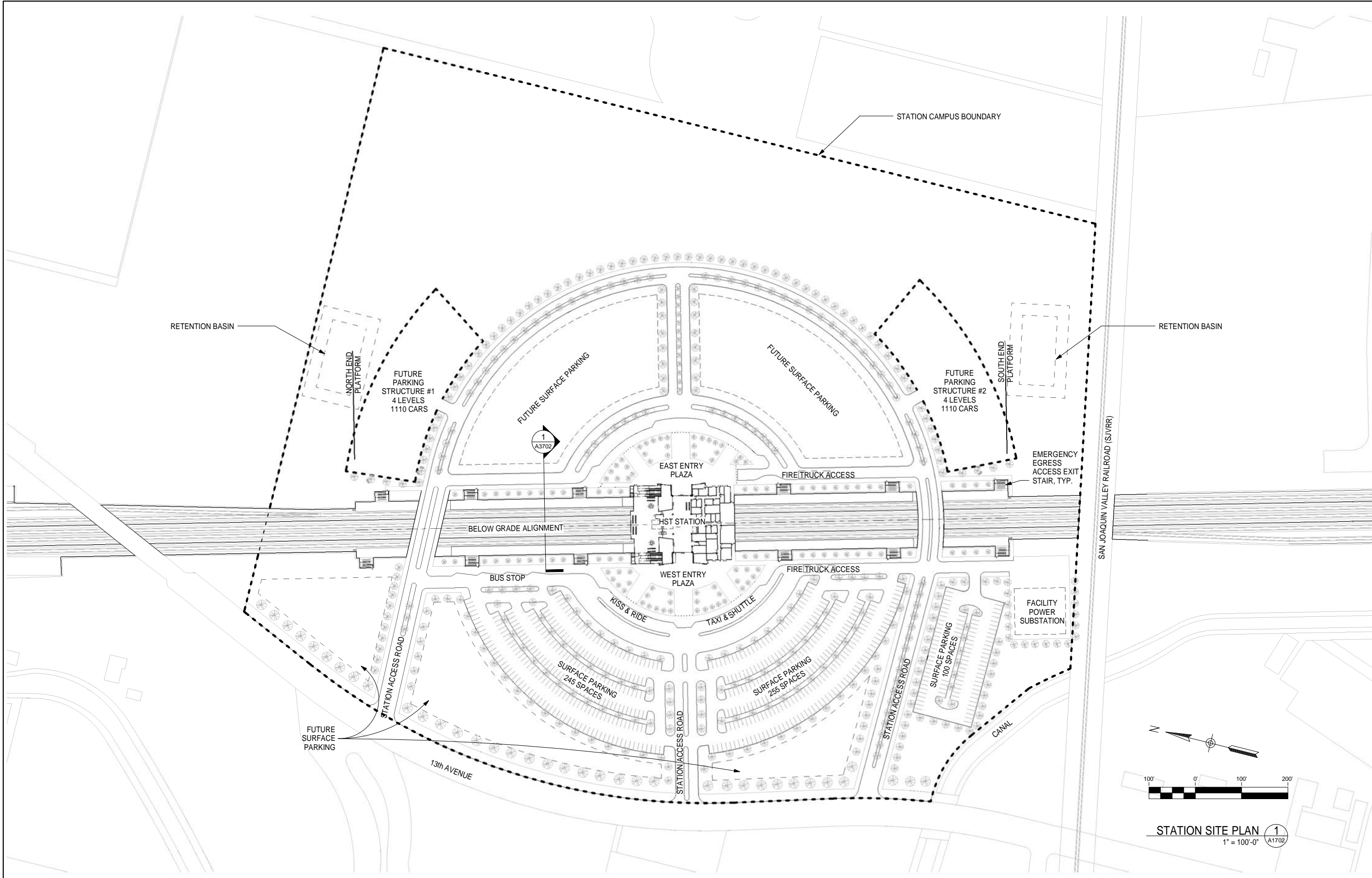


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 HANFORD WEST BYPASS SUBSECTION
 ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
 KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
STATION AREA CONTEXT PLAN

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A1701
SCALE	1" = 300'-0"
SHEET NO.	1 OF 14

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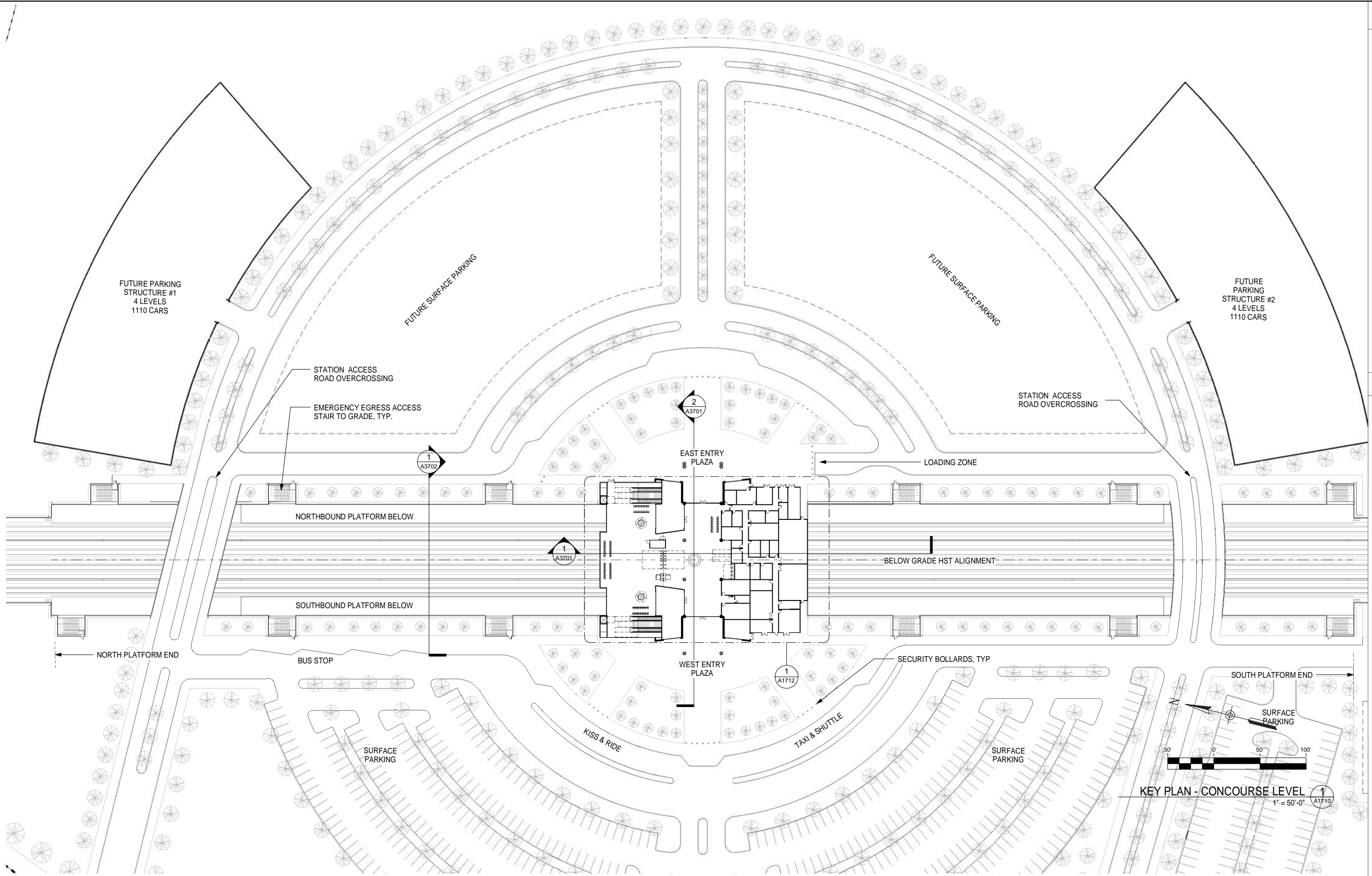
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
STATION SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1702
SCALE
1" = 100'-0"
SHEET NO.
2 OF 14



KEY PLAN - CONCOURSE LEVEL
1" = 50'-0"
A1710

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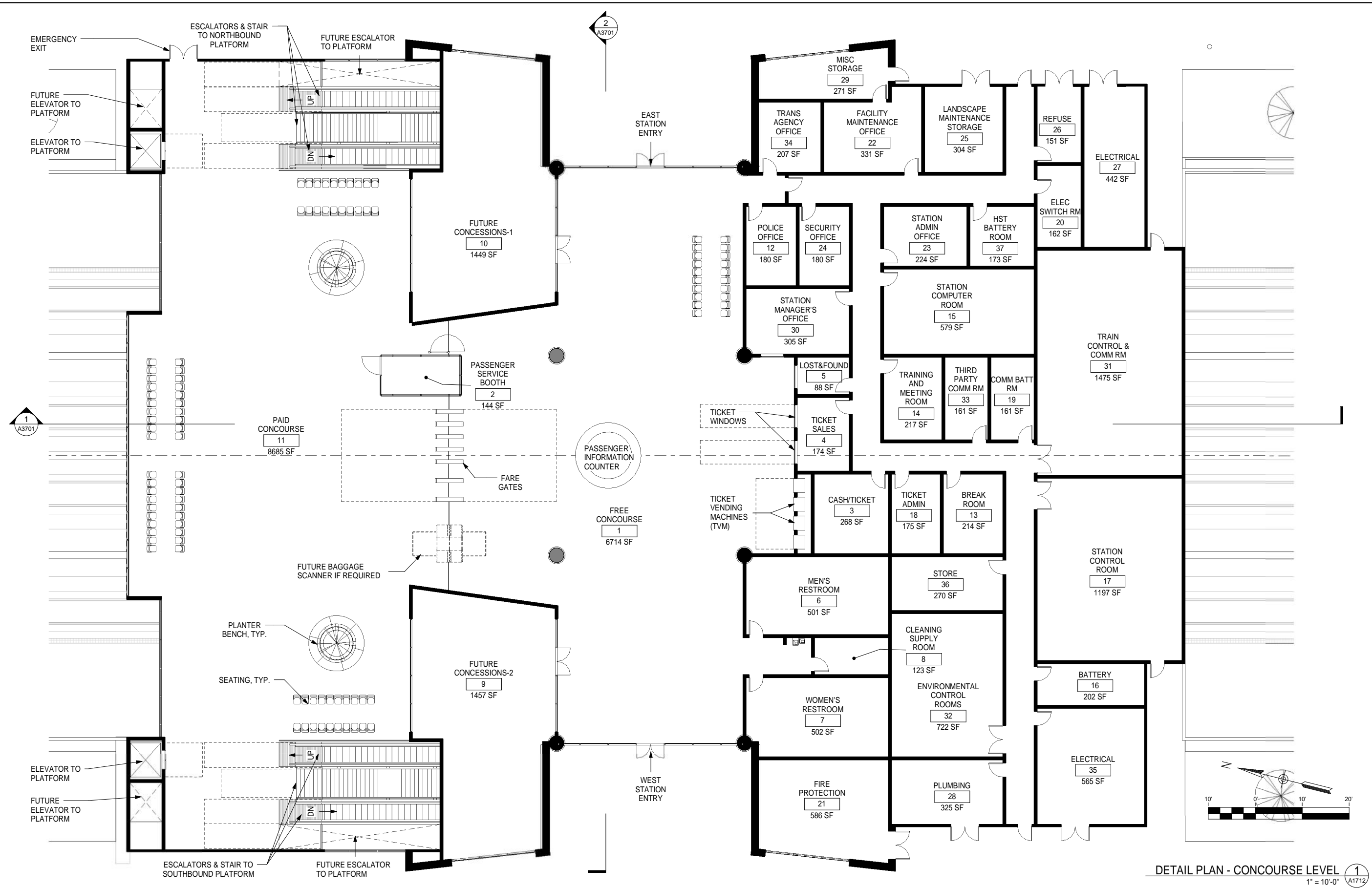


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
CONCOURSE KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1710
SCALE
1" = 50'-0"
SHEET NO.
3 OF 14

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DETAIL PLAN - CONCOURSE LEVEL 1
1" = 10'-0" A1712

GENERAL NOTES

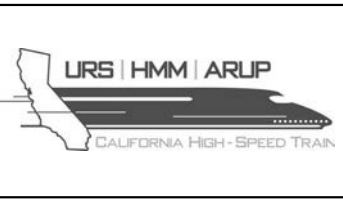
KEY NOTES

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
CONCOURSE DETAIL PLAN

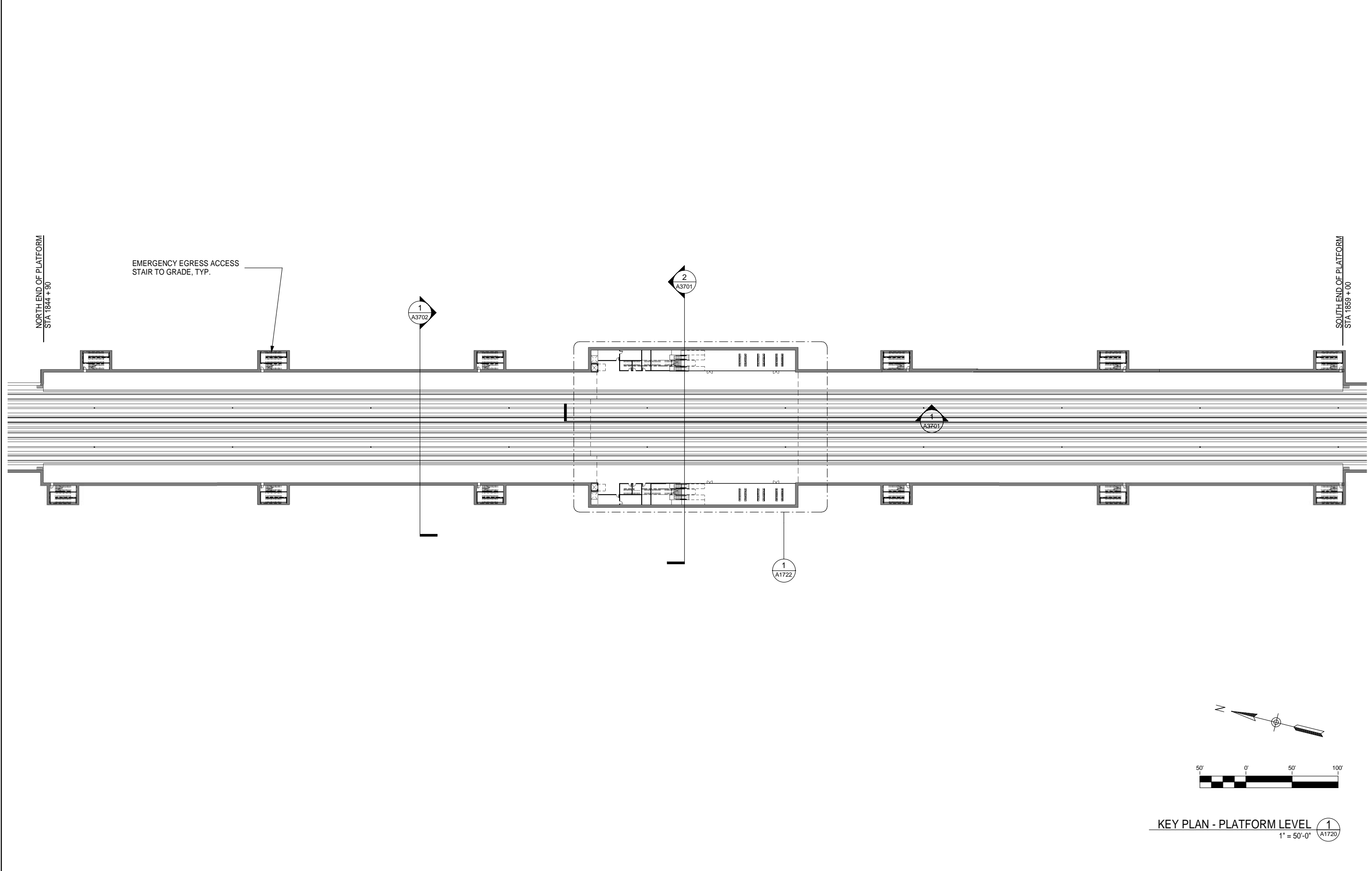
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1712
SCALE
1" = 10'-0"
SHEET NO.
4 OF 14

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GENERAL NOTES

KEY NOTES



KEY PLAN - PLATFORM LEVEL ¹
1" = 50'-0" A1720

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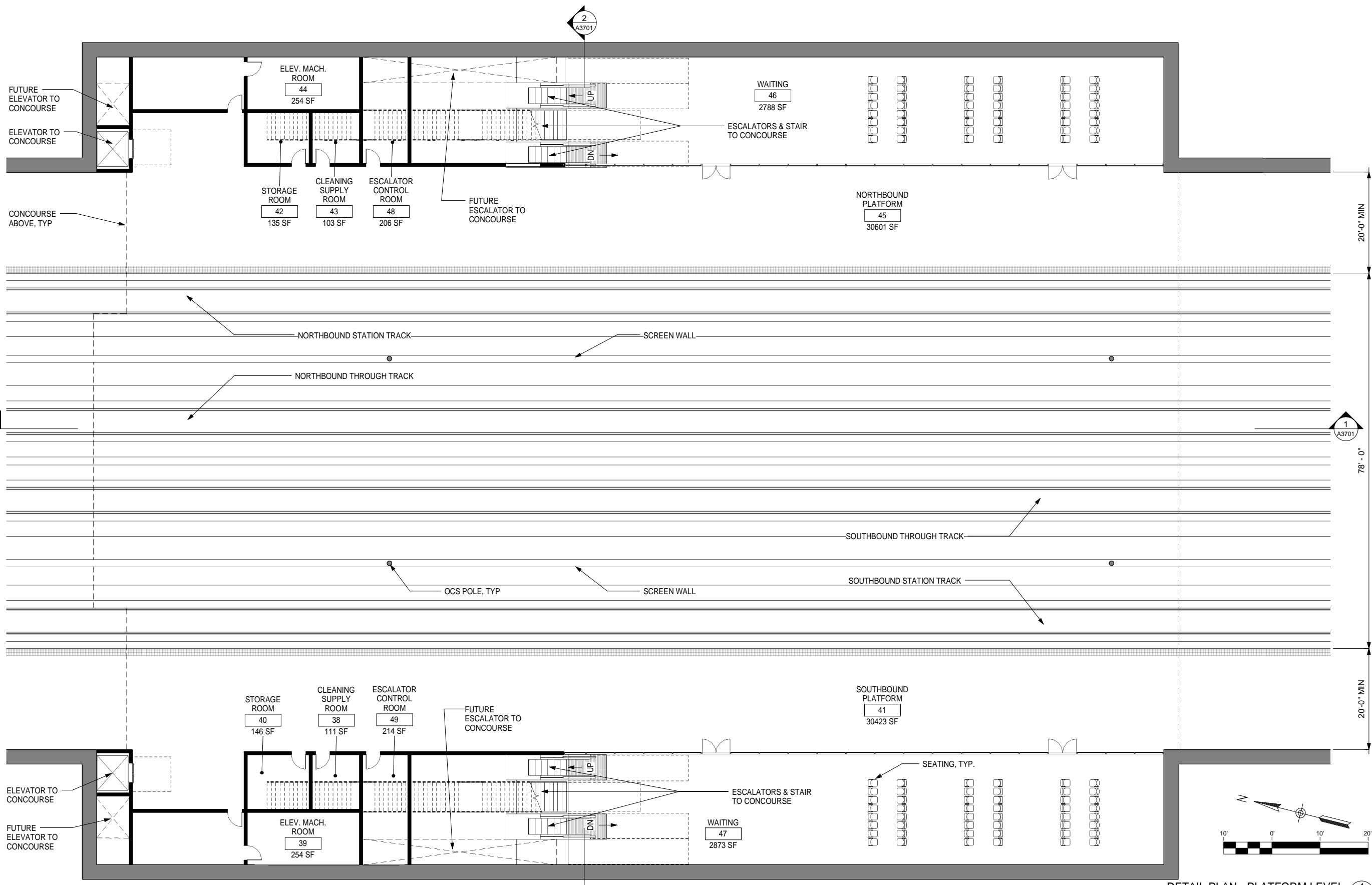


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
PLATFORM KEY PLAN

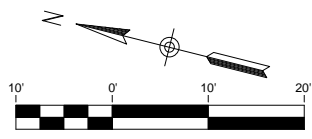
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1720
SCALE
1" = 50'-0"
SHEET NO.
5 OF 14

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DETAIL PLAN - PLATFORM LEVEL 1
1" = 10'-0" A1722



GENERAL NOTES

KEY NOTES

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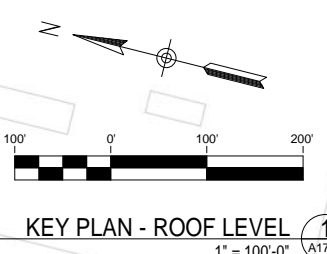
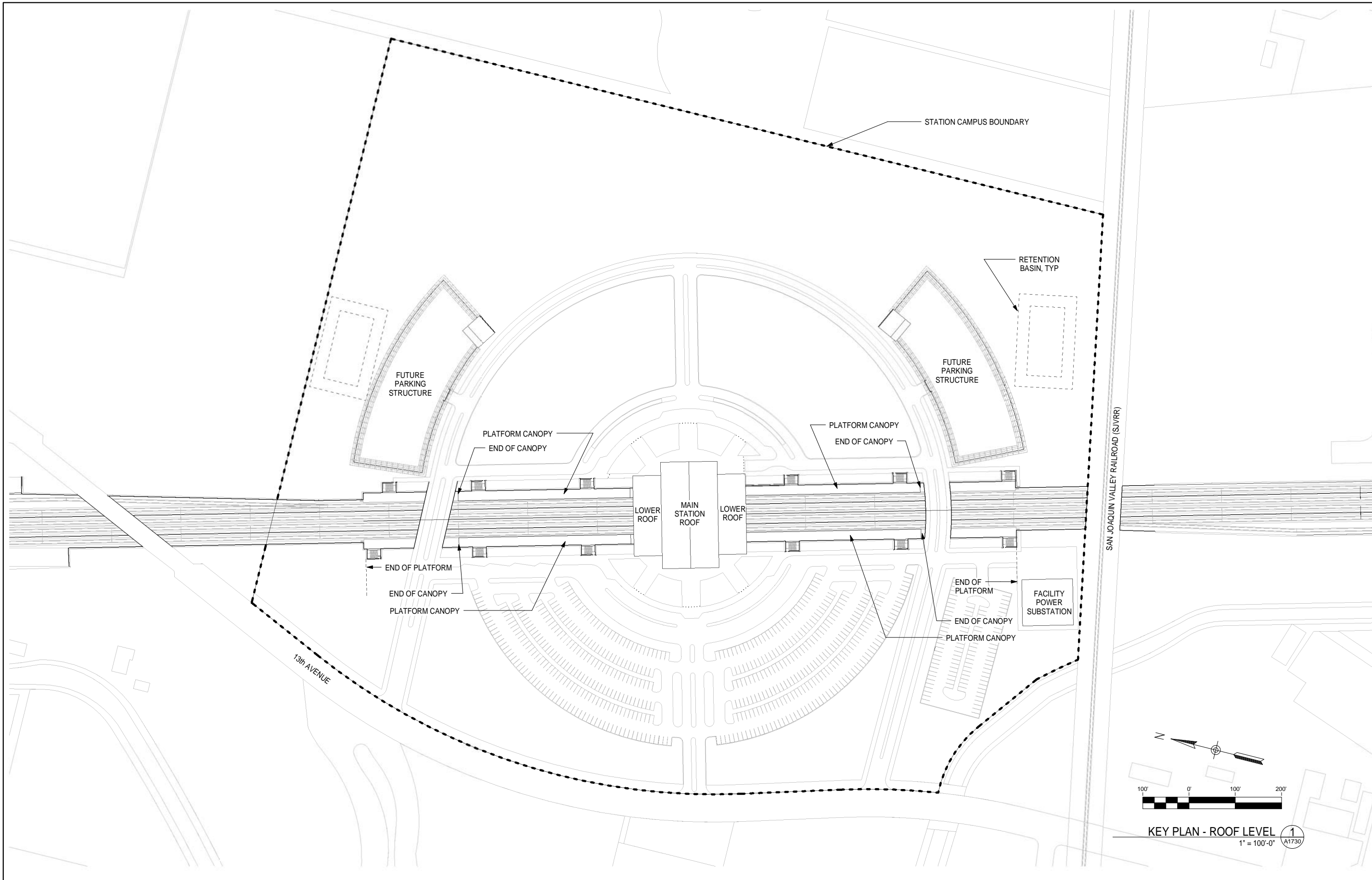


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
PLATFORM DETAIL PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1722
SCALE
1" = 10'-0"
SHEET NO.
6 OF 14

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GENERAL NOTES

KEY NOTES

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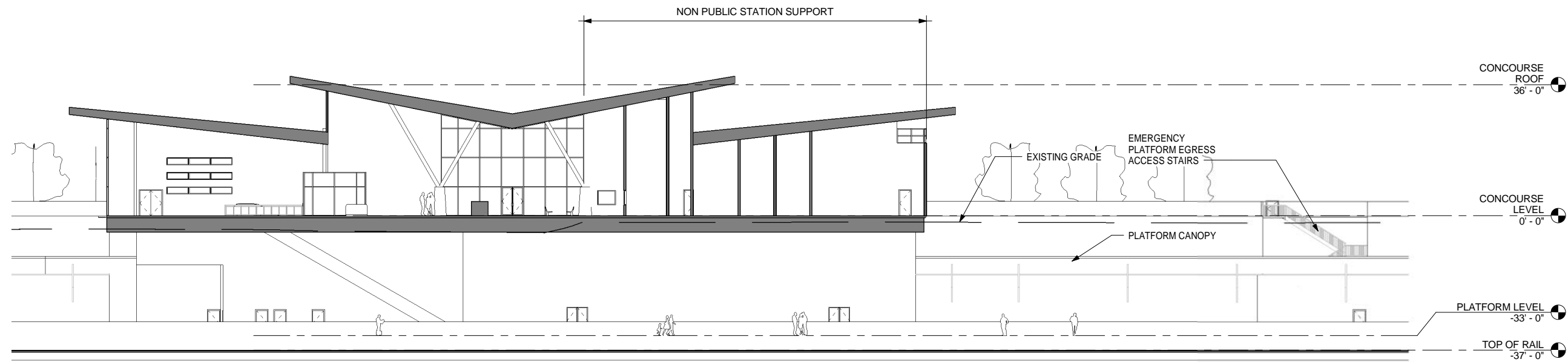


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
ROOF KEY PLAN

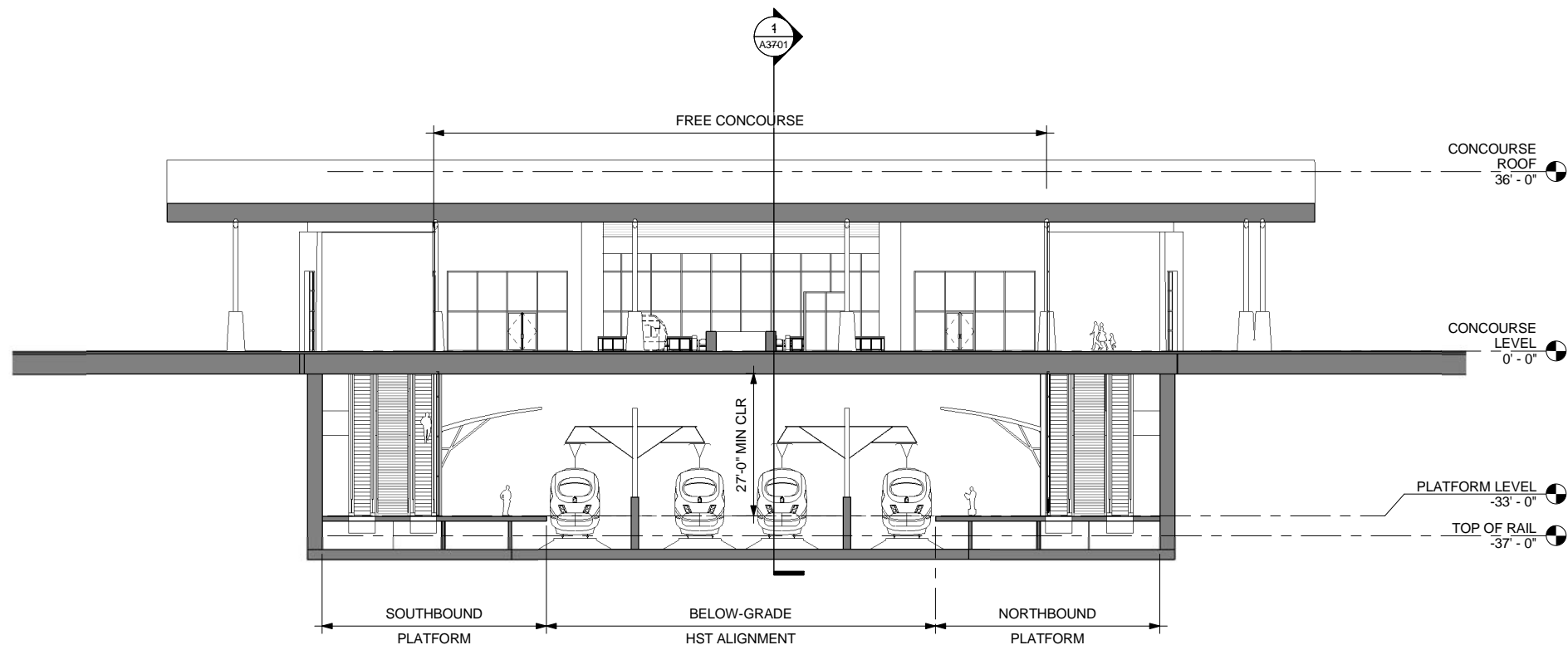
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1730
SCALE
1" = 100'-0"
SHEET NO.
7 OF 14

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LONGITUDINAL SECTION @ CONCOURSE 1
1/16" = 1'-0" A3701



TRANSVERSE SECTION @ CONCOURSE 2
1/16" = 1'-0" A3701

GENERAL NOTES

KEY NOTES

REV	DATE	BY	CHK	APP	DESCRIPTION

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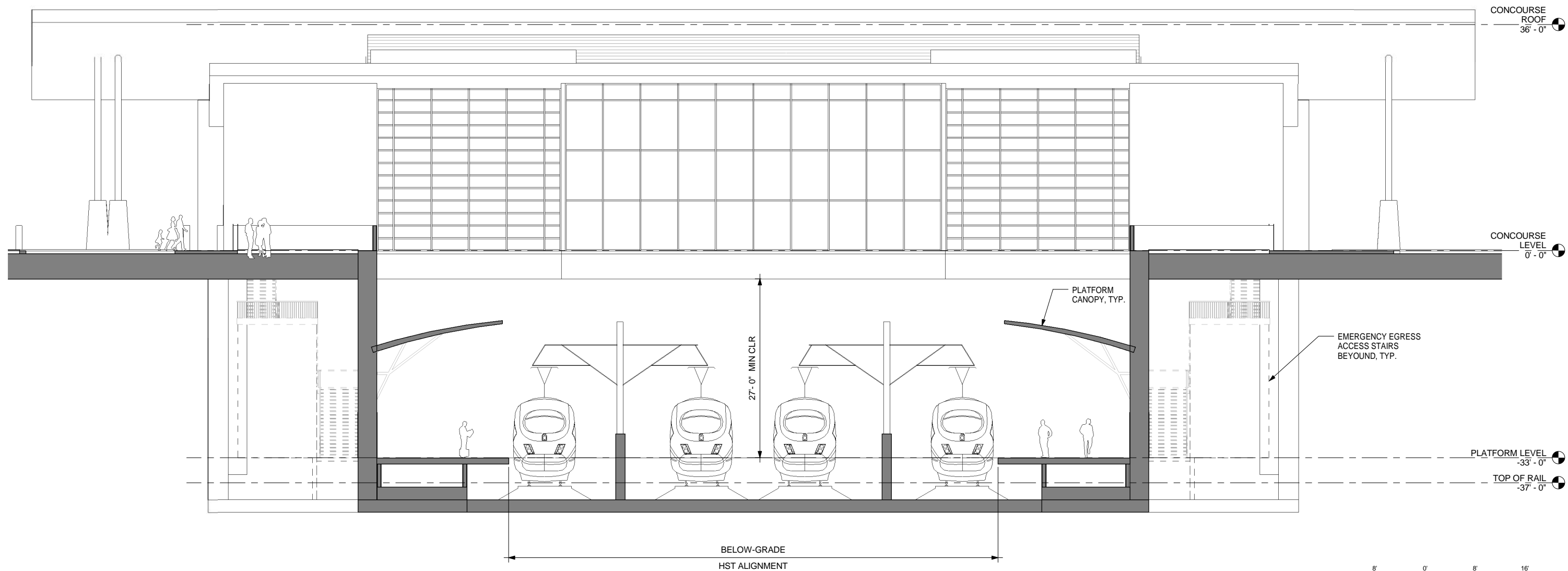


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
BUILDING SECTIONS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3701
SCALE
1/16" = 1'-0"
SHEET NO.
8 OF 14

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TRANSVERSE SECTION @ OPEN TRENCH 1
1/8" = 1'-0" A3702

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. NAOR
DRAWN BY
C. RAMOS
CHECKED BY
F. KING
IN CHARGE
E. NAOR
DATE
12/31/13

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DESIGN SUBMISSION**

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
BUILDING SECTION

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3702
SCALE
1/8" = 1'-0"
SHEET NO.
9 OF 14

ROOM SCHEDULE

No.	ROOM NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2. REFERENCE	COMMENTS
1	FREE CONCOURSE	6714 SF		Table 6-2 *	6.3.2	
2	PASSENGER SERVICE BOOTH	144 SF			6.6.2.3	
3	CASH/TICKET	268 SF	260 SF		6.6.3.8	
4	TICKET SALES	174 SF	150 SF	75 SF per window	6.6.2.2	Two windows
5	LOST&FOUND	88 SF	80 SF		6.6.2.5	
6	MEN'S RESTROOM	501 SF		Size per code	6.3.4	
7	WOMEN'S RESTROOM	502 SF		Size per code	6.3.4	
8	CLEANING SUPPLY ROOM	123 SF	80 SF		6.6.4.2	
9	FUTURE CONCESSIONS-2	1457 SF	1500 SF	Table 6-3	6.3.5	
10	FUTURE CONCESSIONS-1	1449 SF	1500 SF	Table 6-3	6.3.5	
11	PAID CONCOURSE	8685 SF		Table 6-2 *	6.3.3	
12	POLICE OFFICE	180 SF	160 SF		6.6.2.6	
13	BREAK ROOM	214 SF	200 SF		6.6.3.12	
14	TRAINING AND MEETING ROOM	217 SF	200 SF		6.6.3.4	
15	STATION COMPUTER ROOM	579 SF	500 SF		6.6.3.6	
16	BATTERY	202 SF	200 SF		6.6.6.2	
17	STATION CONTROL ROOM	1197 SF	1100 SF		6.6.3.5	
18	TICKET ADMIN	175 SF	160 SF		6.6.3.7	
19	COMM BATT RM	161 SF	160 SF		6.6.7.1	
20	ELEC SWITCH RM	162 SF	160 SF		6.6.7.2	
21	FIRE PROTECTION	586 SF			6.6.6.3	
22	FACILITY MAINTENANCE OFFICE	331 SF	330 SF		6.6.3.10	
23	STATION ADMIN OFFICE	224 SF	200 SF	100 SF per assigned staff	6.6.3.2	
24	SECURITY OFFICE	180 SF	160 SF		6.6.3.9	
25	LANDSCAPE MAINTENANCE STORAGE	304 SF			6.6.4.4	
26	REFUSE	151 SF	150 SF		6.6.4.1	
27	ELECTRICAL	442 SF	450 SF		6.6.6.2	
28	PLUMBING	325 SF			6.6.6.4	
29	MISC STORAGE	271 SF	300 SF		6.6.4.5	
30	STATION MANAGER'S OFFICE	305 SF	270 SF		6.6.3.3	
31	TRAIN CONTROL & COMM RM	1475 SF	1280 SF		6.6.7.1	
32	ENVIRONMENTAL CONTROL ROOMS	722 SF			6.6.6.1	
33	THIRD PARTY COMM RM	161 SF	160 SF		6.6.7.1	
34	TRANS AGENCY OFFICE	207 SF			6.6.3.16	
35	ELECTRICAL	565 SF	450 SF		6.6.6.2	
36	STORE	270 SF	150 SF		6.6.4.3	
37	HST BATTERY ROOM	173 SF	160 SF		6.6.7.2	
38	CLEANING SUPPLY ROOM	111 SF	80 SF		6.6.4.2	
39	ELEV. MACH. ROOM	254 SF			6.5.3.6	
40	STORAGE ROOM	146 SF	100 SF		6.6.4.3	
41	SOUTHBOUND PLATFORM	30423 SF		25 min sf per boarding passenger *		
42	STORAGE ROOM	135 SF	100 SF		6.6.4.3	
43	CLEANING SUPPLY ROOM	103 SF	80 SF		6.6.4.2	
44	ELEV. MACH. ROOM	254 SF			6.5.3.6	
45	NORTHBOUND PLATFORM	30601 SF		25 min sf per boarding passenger *		
46	WAITING	2788 SF		Table 6-2 *	6.3.3.2	
47	WAITING	2873 SF		Table 6-2 *	6.3.3.2	
48	ESCALATOR CONTROL ROOM	206 SF				
49	ESCALATOR CONTROL ROOM	214 SF				

* STATION PUBLIC AREAS AND VERTICAL CIRCULATION ARE SIZED FOR PEAK PASSENGER FORECAST FOR FULL BUILD OUT (2035) AT 50% AIR FARES AS PROVIDED IN STATION AREA PARKING GUIDANCE TECHNICAL MEMORANDUM REV 4, DATED 6/20/2011

PEAK CUMULATIVE DAILY BOARDINGS OF 3,300 PASSENGERS

PEAK HOUR BOARDINGS (P60B) OF 495 PASSENGERS

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 HANFORD WEST BYPASS SUBSECTION
 ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
 KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)

ROOM SCHEDULE

CONTRACT NO.
HSR 06-0003

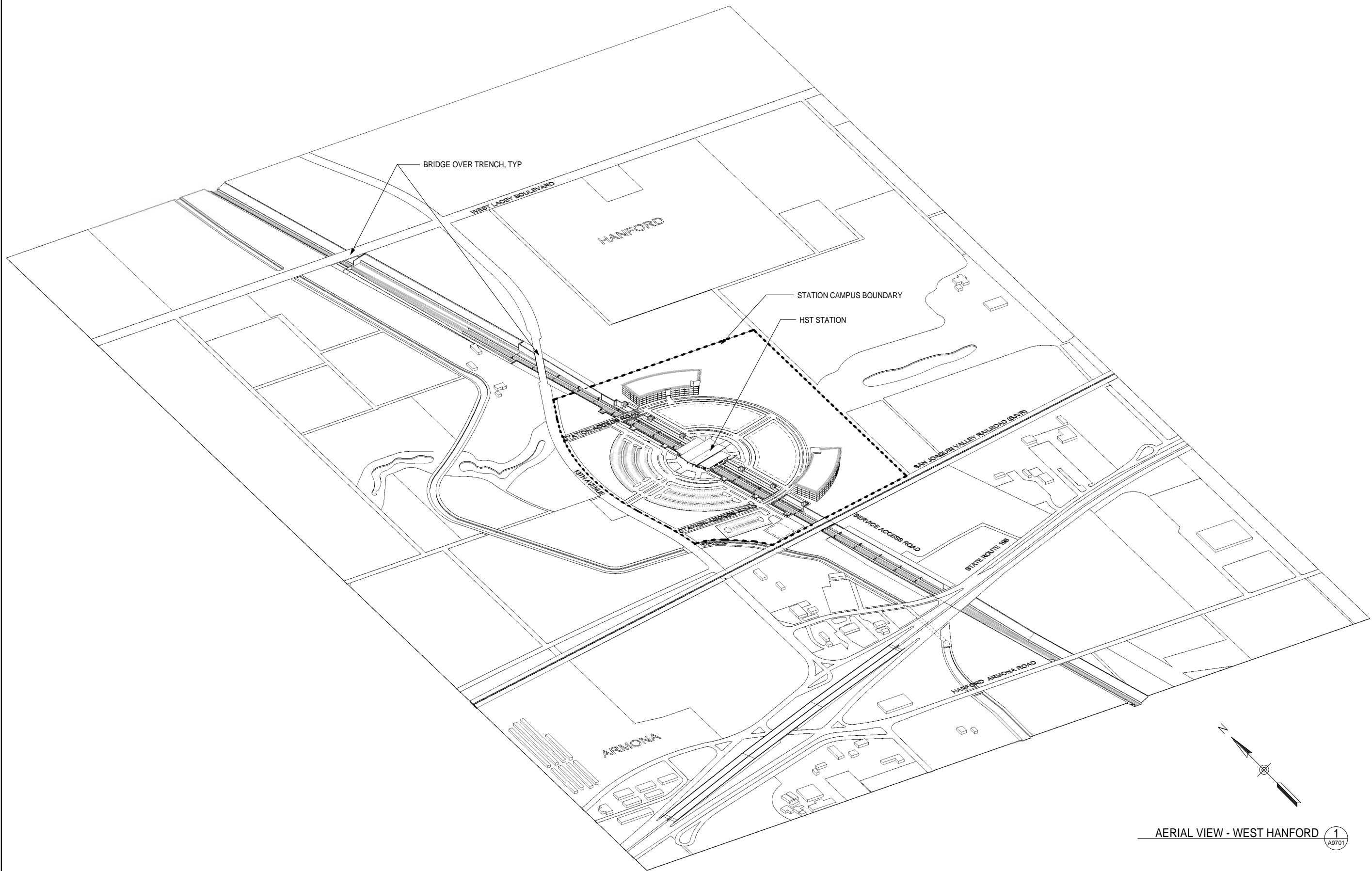
DRAWING NO.
A6701

SCALE

SHEET NO.
10 OF 14

GENERAL NOTES

KEY NOTES



AERIAL VIEW - WEST HANFORD 1
A9701

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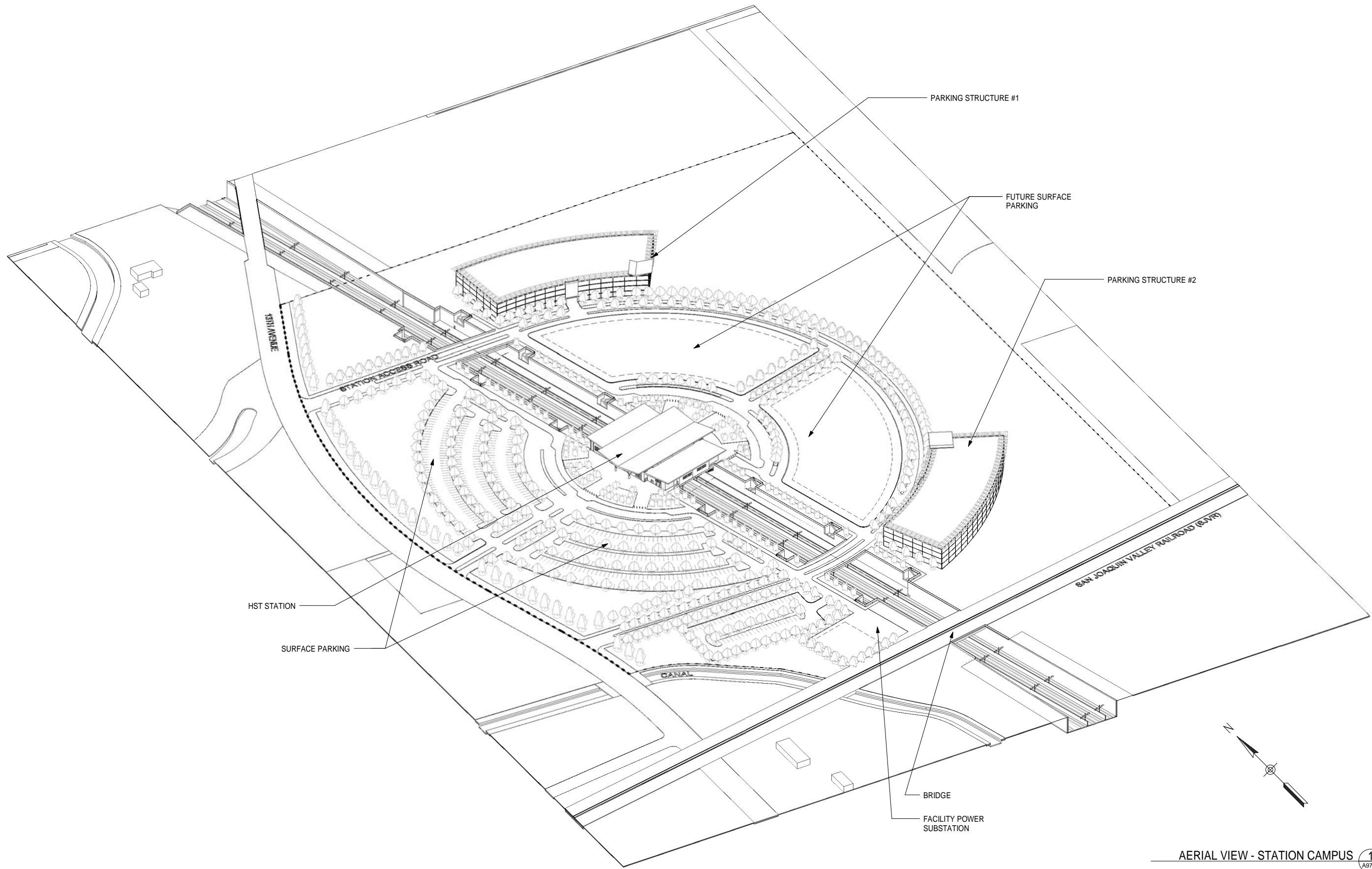


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
AERIAL VIEW - CONTEXT

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9701
SCALE
SHEET NO.
11 OF 14

GENERAL NOTES

KEY NOTES



AERIAL VIEW - STATION CAMPUS 1
A9702

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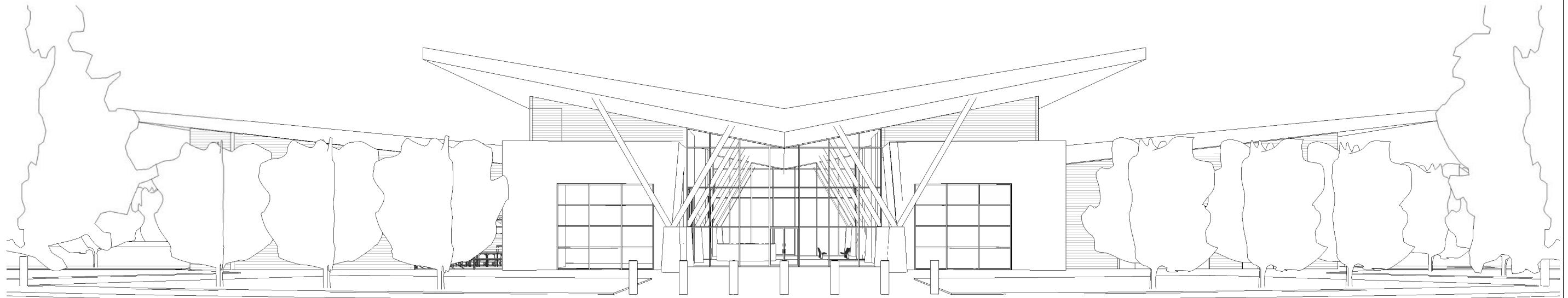


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
AERIAL VIEW - CAMPUS

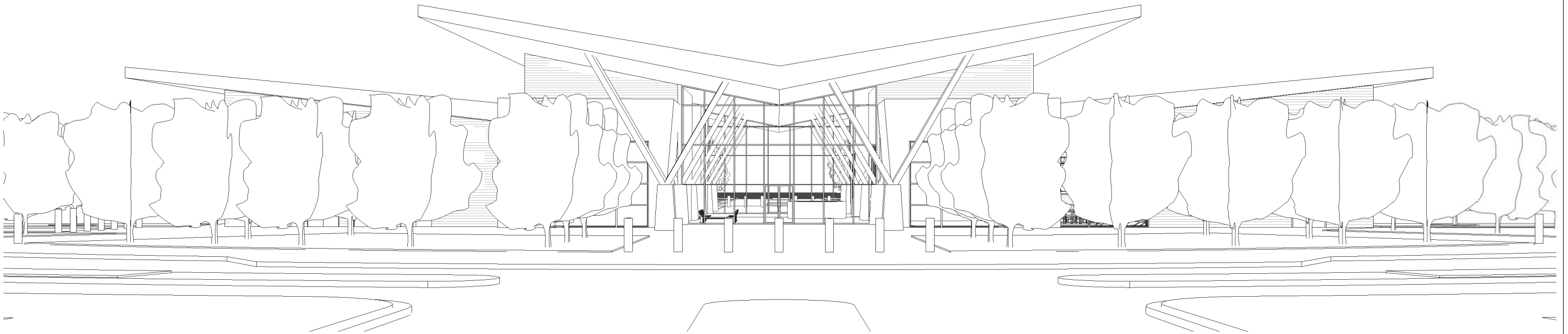
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9702
SCALE
SHEET NO.
12 OF 14

GENERAL NOTES

KEY NOTES



3D ELEVATION VIEW - WEST 1
A9703



3D ELEVATION VIEW - EAST 2
A9703

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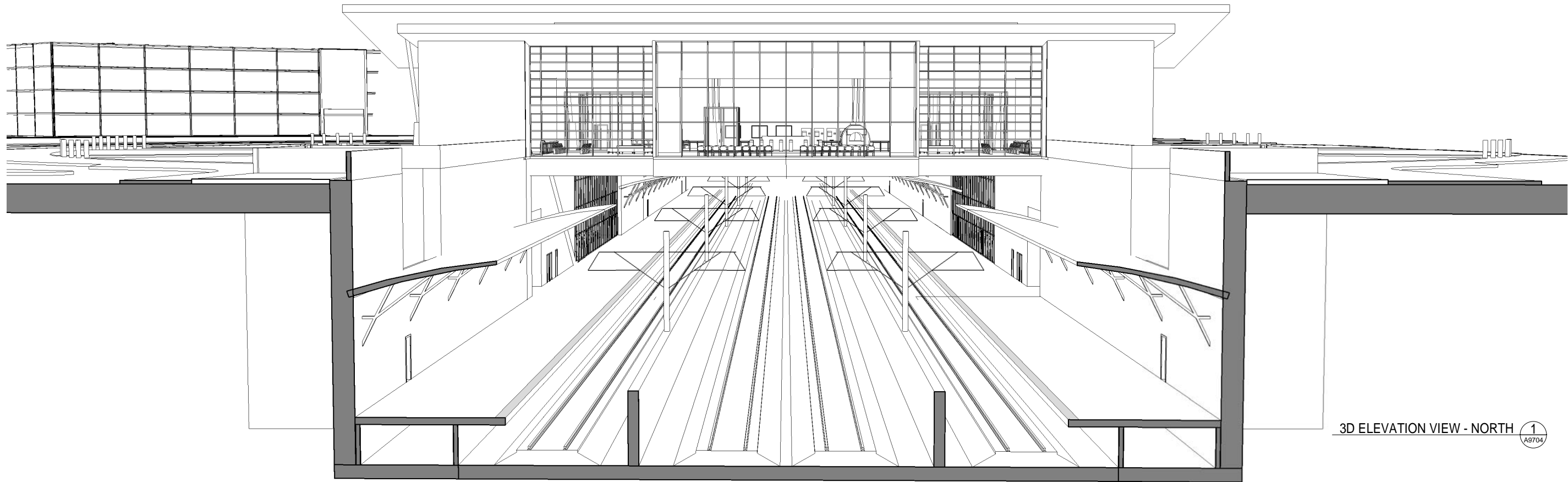
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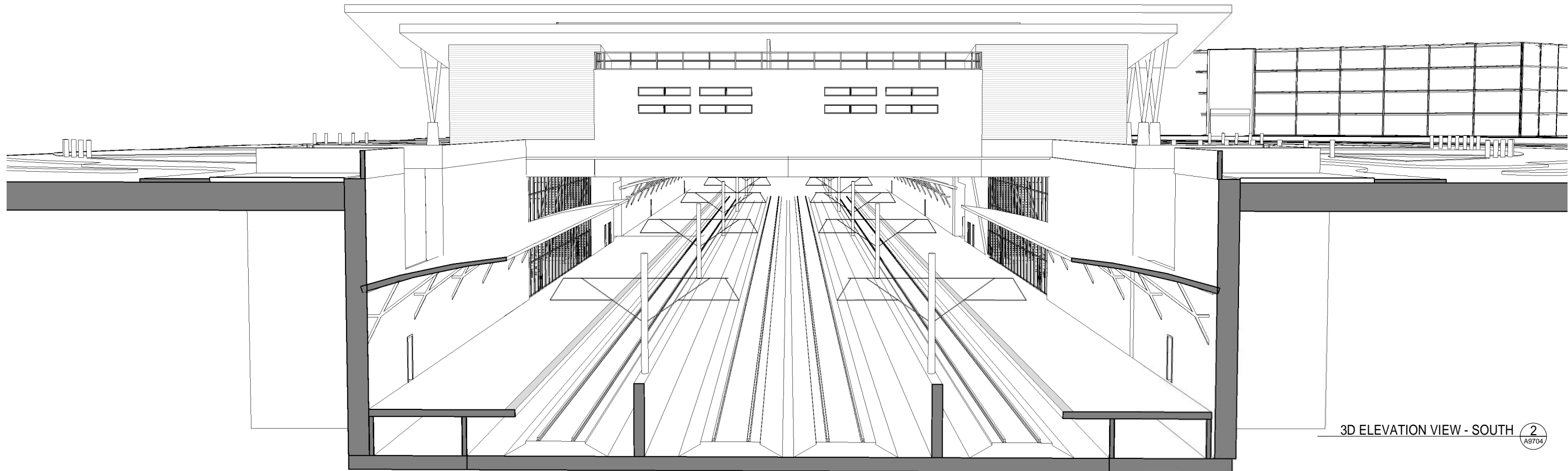


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9703
SCALE
SHEET NO.
13 OF 14



3D ELEVATION VIEW - NORTH 1
A9704



3D ELEVATION VIEW - SOUTH 2
A9704

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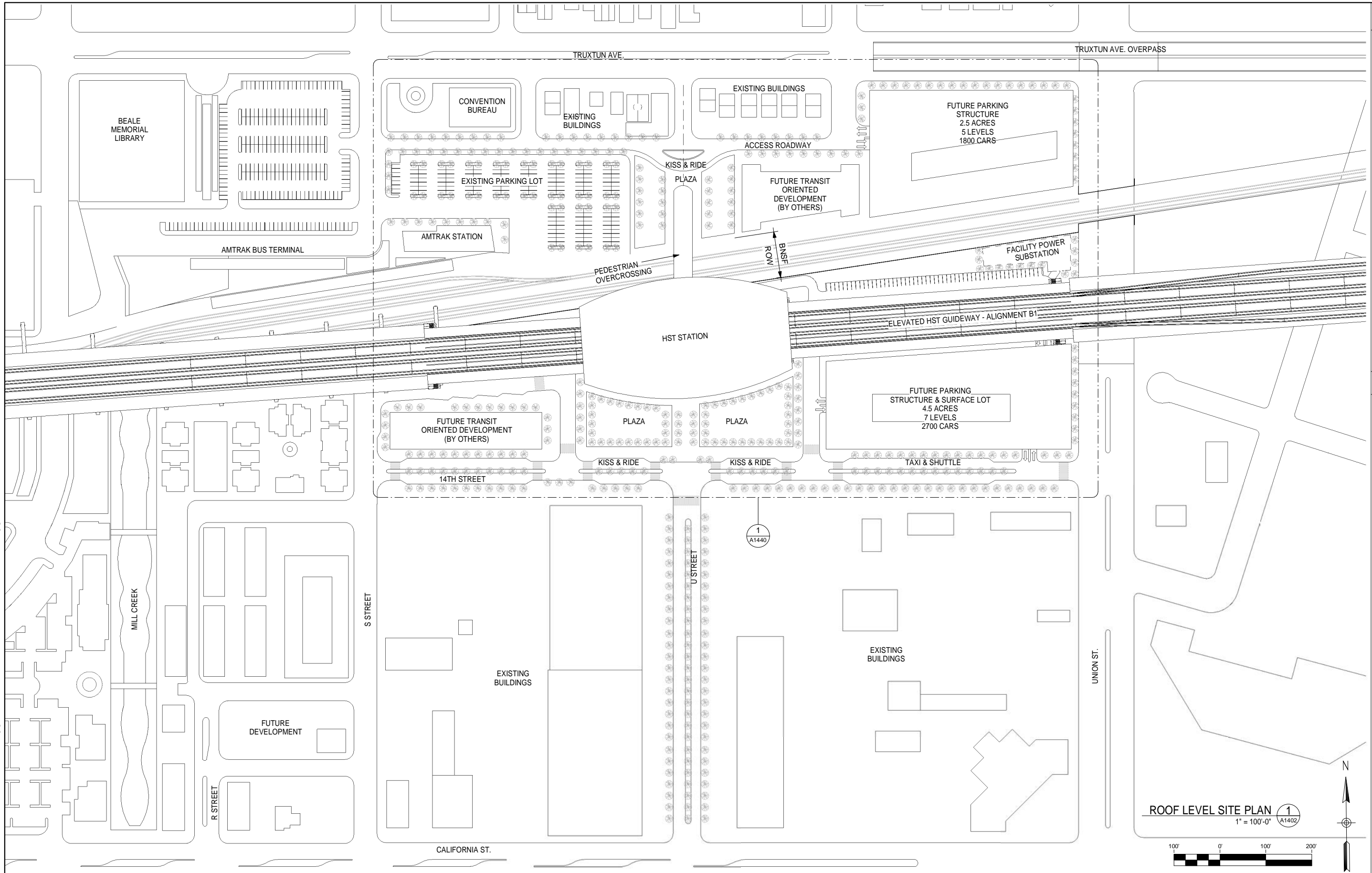


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
3D ELEVATION VIEWS

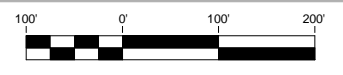
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9704
SCALE
SHEET NO.
14 OF 14

GENERAL NOTES

KEY NOTES



ROOF LEVEL SITE PLAN 1
1" = 100'-0" A1402



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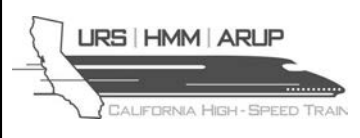
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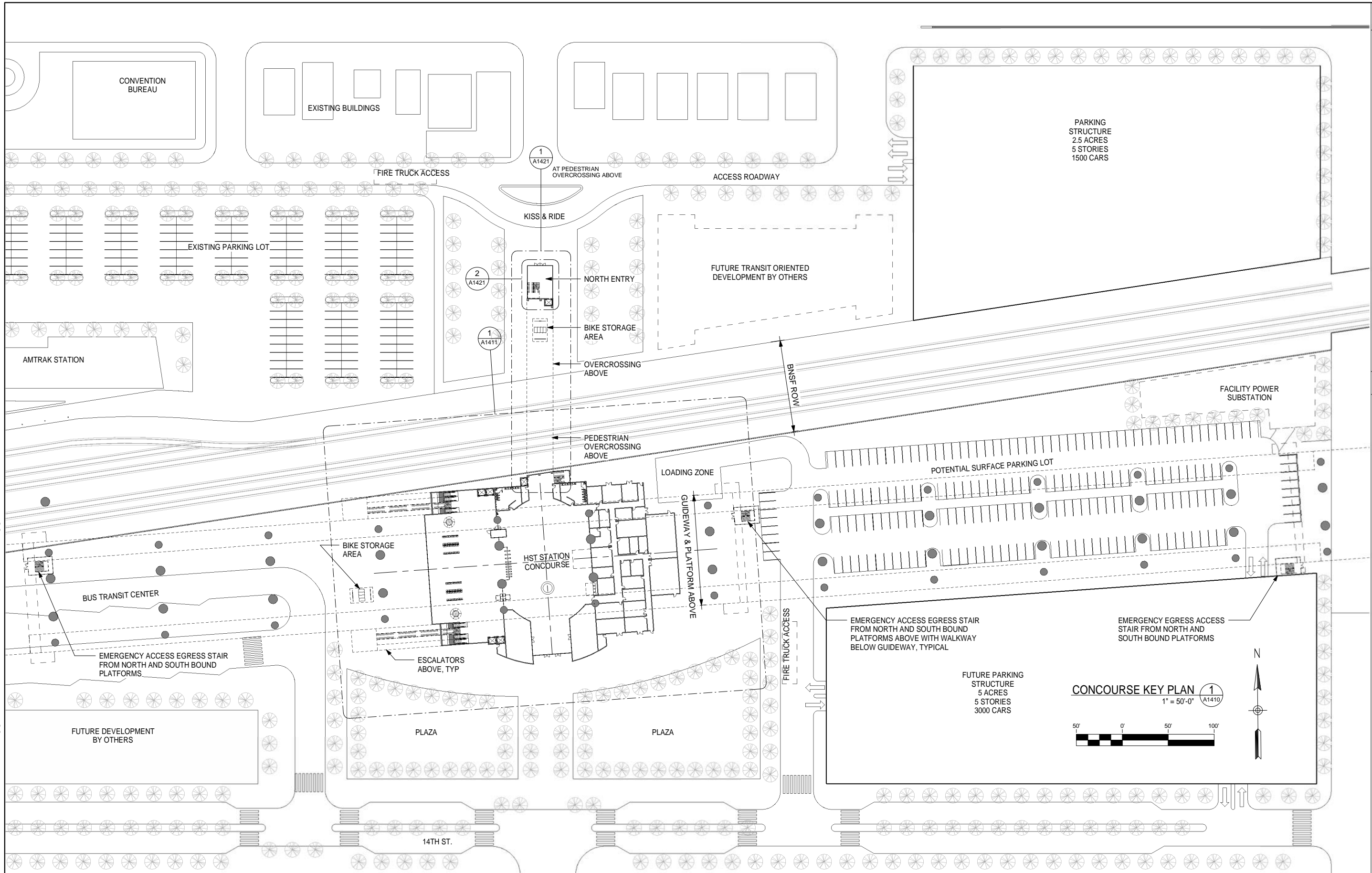
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
ROOF LEVEL SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1402
SCALE
1" = 100'-0"
SHEET NO.
2 OF 14



CONCOURSE KEY PLAN 1
 1" = 50'-0" A1410



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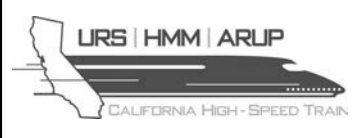
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CALIFORNIA HIGH-SPEED TRAIN PROJECT

FRESNO TO BAKERSFIELD

BAKERSFIELD URBAN SUBSECTION
 ALIGNMENT B1

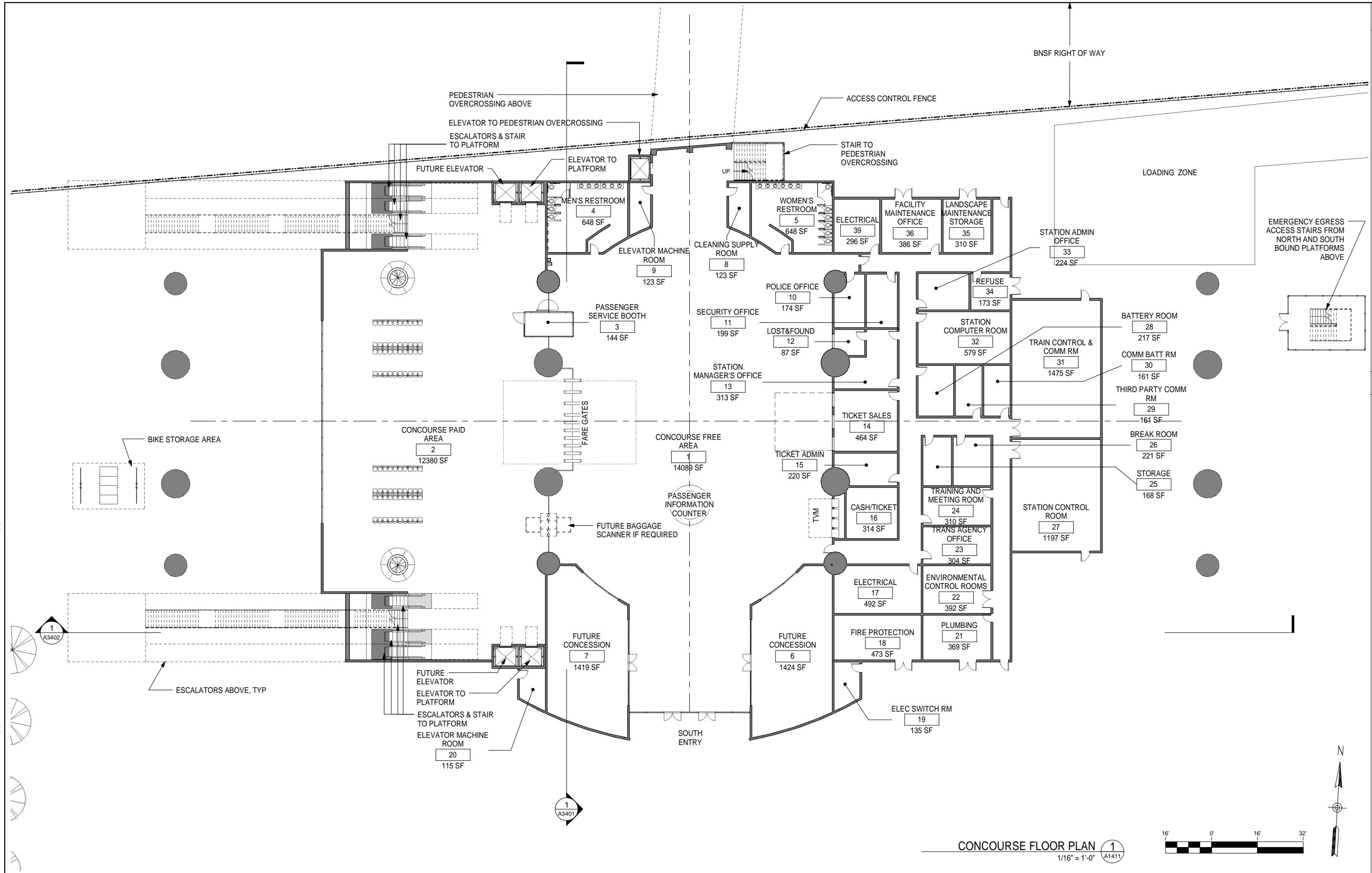
BAKERSFIELD STATION - NORTH ALTERNATIVE

CONCOURSE KEY PLAN

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A1410
SCALE	1" = 50'-0"
SHEET NO.	3 OF 14

GENERAL NOTES

KEY NOTES



CONCOURSE FLOOR PLAN 1
1/16" = 1'-0" A1411



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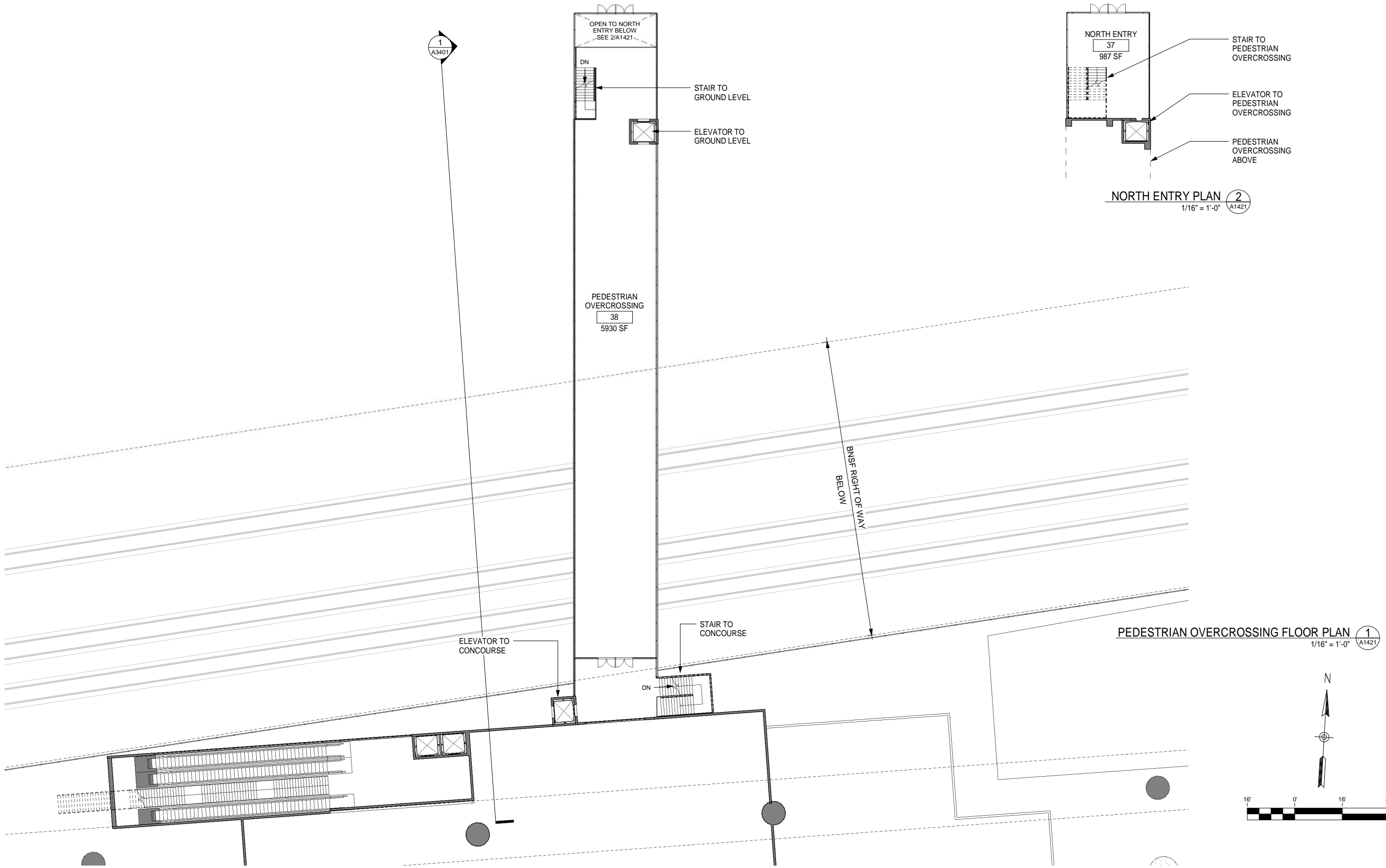


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
CONCOURSE FLOOR PLAN

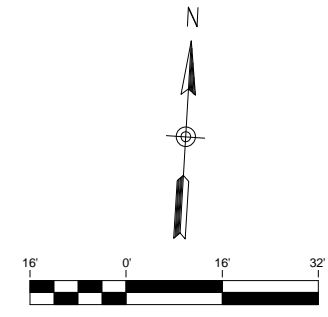
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1411
SCALE
1/16" = 1'-0"
SHEET NO.
4 OF 14

GENERAL NOTES

KEY NOTES



PEDESTRIAN OVERCROSSING FLOOR PLAN 1
1/16" = 1'-0" A1421



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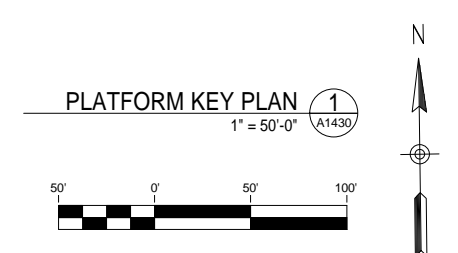
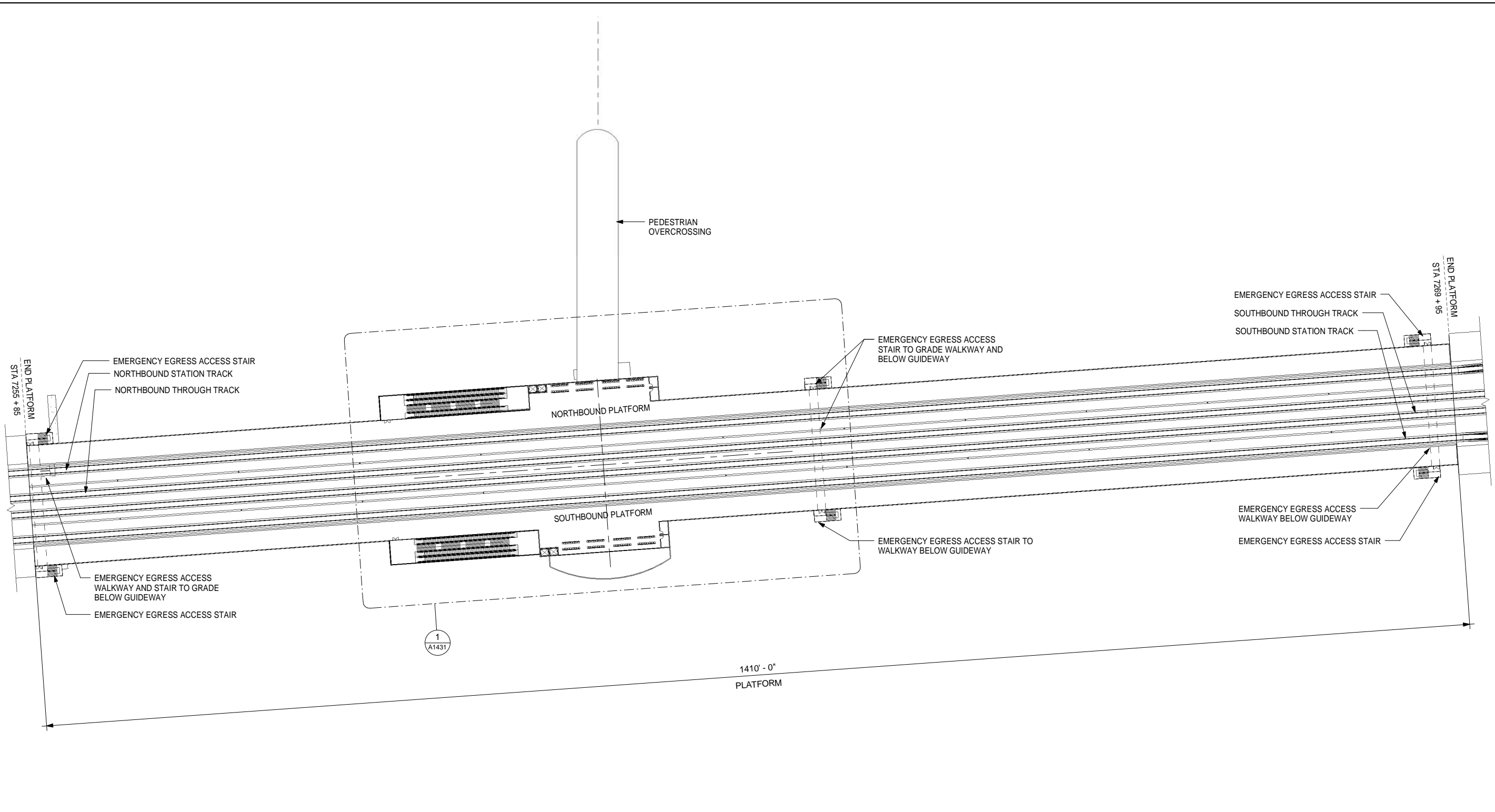


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
PEDESTRIAN OVERCROSSING FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1421
SCALE
1/16" = 1'-0"
SHEET NO.
5 OF 14

GENERAL NOTES

KEY NOTES



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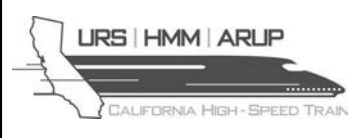
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CALIFORNIA HIGH-SPEED TRAIN PROJECT

FRESNO TO BAKERSFIELD

BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1

BAKERSFIELD STATION - NORTH ALTERNATIVE

PLATFORM KEY PLAN

CONTRACT NO.
HSR 06-0003

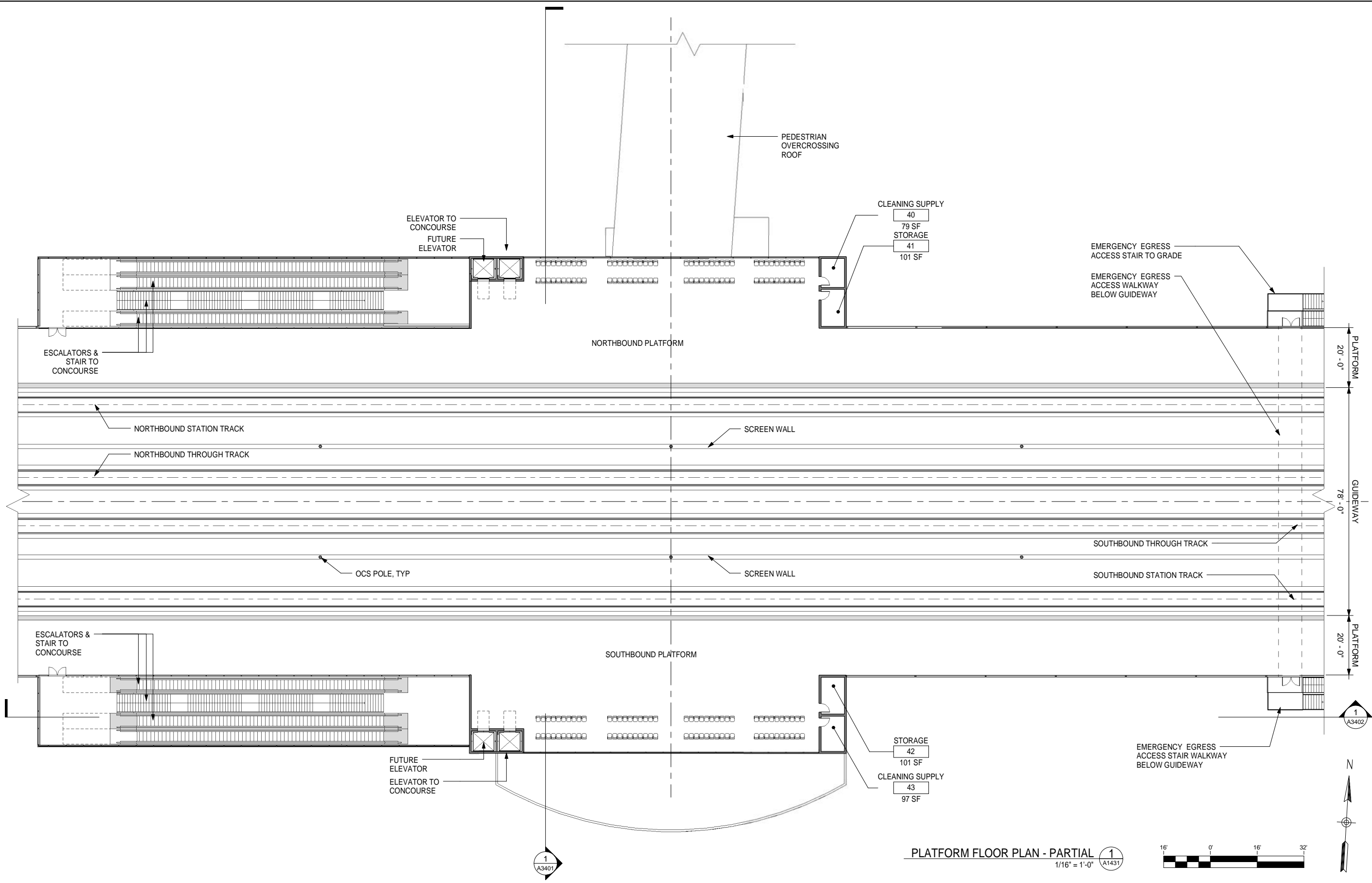
DRAWING NO.
A1430

SCALE
1" = 50'-0"

SHEET NO.
6 OF 14

GENERAL NOTES

KEY NOTES



PLATFORM FLOOR PLAN - PARTIAL 1/A1431
1/16" = 1'-0"

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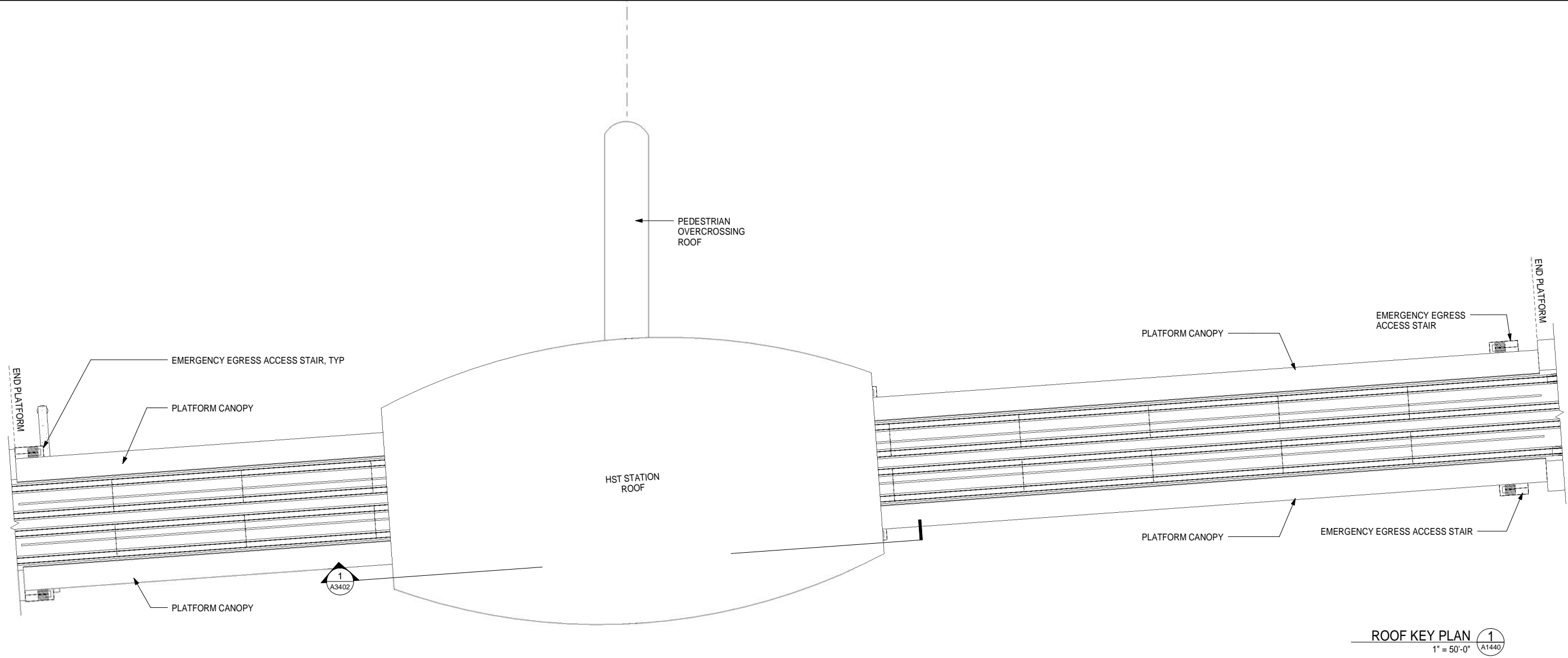


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
PLATFORM FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1431
SCALE
1/16" = 1'-0"
SHEET NO.
7 OF 14

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ROOF KEY PLAN 1
1" = 50'-0" A1440

GENERAL NOTES

KEY NOTES

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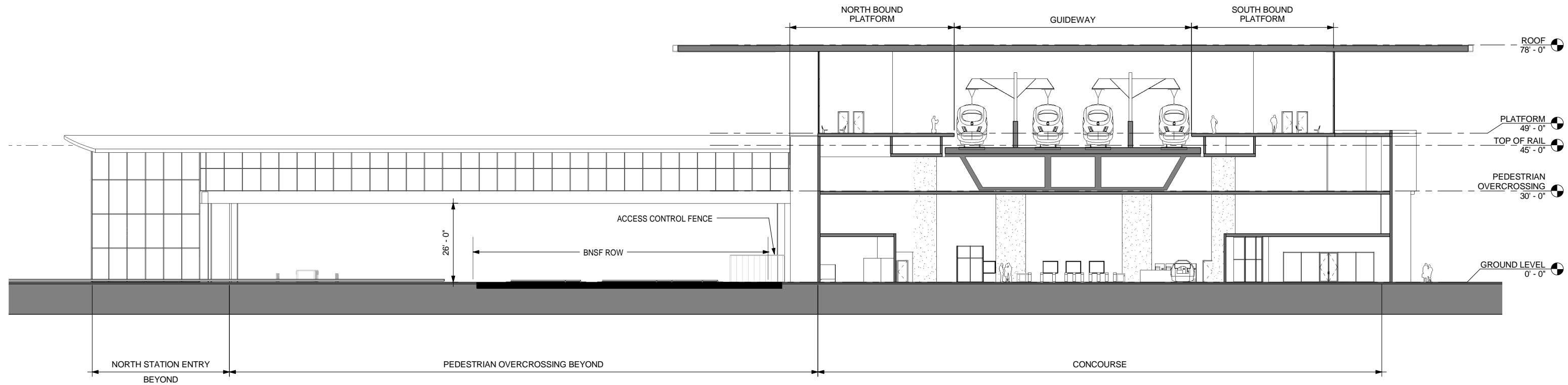


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
ROOF KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1440
SCALE
1" = 50'-0"
SHEET NO.
8 OF 14

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TRANSVERSE SECTION 1
1/16" = 1'-0" A3401



GENERAL NOTES

KEY NOTES

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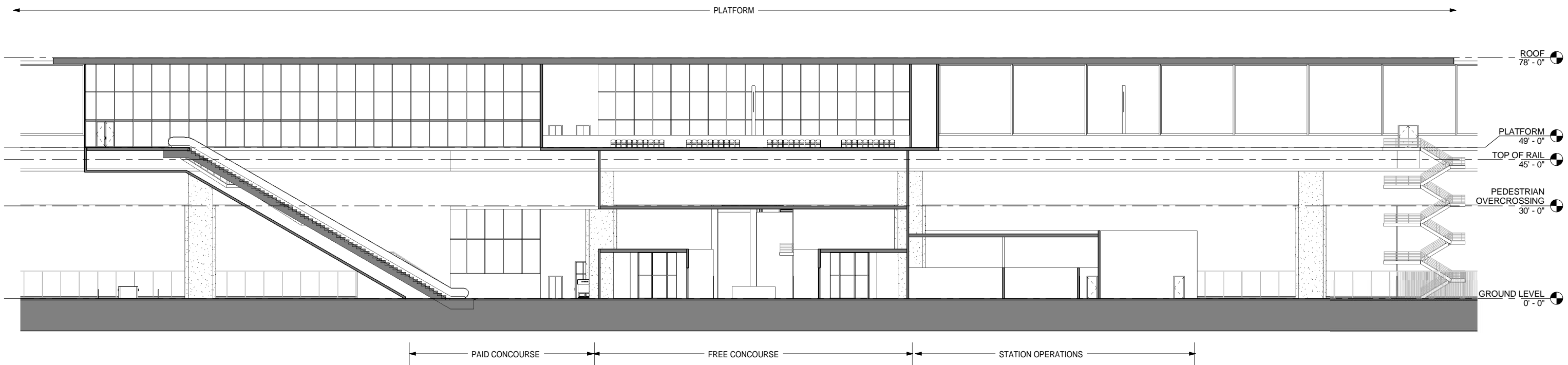


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
BUILDING SECTION

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3401
SCALE
1/16" = 1'-0"
SHEET NO.
9 OF 14

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LONGITUDINAL SECTION 1
1/16" = 1'-0" A3402



GENERAL NOTES

KEY NOTES

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
BUILDING SECTION

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3402
SCALE
1/16" = 1'-0"
SHEET NO.
10 OF 14

ROOM SCHEDULE

No.	NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2. REFERENCE	Comments
1	CONCOURSE FREE AREA	14089 SF	0 SF	Table 6-2*	6.3.2	
2	CONCOURSE PAID AREA	12380 SF	0 SF	Table 6-2*	6.3.3	
3	PASSENGER SERVICE BOOTH	144 SF			6.6.2.3	
4	MEN'S RESTROOM	648 SF	0 SF	Size per code	6.3.4	
5	WOMEN'S RESTROOM	648 SF	0 SF	Size per code	6.3.4	
6	FUTURE CONCESSION	1424 SF	1500 SF	Table 6-3	6.3.5	
7	FUTURE CONCESSION	1419 SF	1500 SF	Table 6-3	6.3.5	
8	CLEANING SUPPLY ROOM	123 SF	80 SF		6.6.4.2	
9	ELEVATOR MACHINE ROOM	123 SF			6.5.3.6	
10	POLICE OFFICE	174 SF	160 SF		6.6.2.6	
11	SECURITY OFFICE	199 SF	160 SF		6.6.3.9	
12	LOST&FOUND	87 SF	80 SF		6.6.2.5	
13	STATION MANAGER'S OFFICE	313 SF	270 SF		6.6.3.3	
14	TICKET SALES	464 SF	225 SF	75 SF per window	6.6.2.2	Three windows
15	TICKET ADMIN	220 SF	160 SF		6.6.3.7	
16	CASH/TICKET	314 SF	260 SF		6.6.3.8	
17	ELECTRICAL	492 SF	450 SF		6.6.6.2	
18	FIRE PROTECTION	473 SF			6.6.6.3	
19	ELEC SWITCH RM	135 SF	160 SF		6.6.7.2	
20	ELEVATOR MACHINE ROOM	115 SF			6.5.3.6	
21	PLUMBING	369 SF			6.6.6.4	
22	ENVIRONMENTAL CONTROL ROOMS	392 SF			6.6.6.1	
23	TRANS AGENCY OFFICE	304 SF			6.6.3.16	
24	TRAINING AND MEETING ROOM	310 SF	200 SF		6.6.3.4	
25	STORAGE	168 SF	150 SF		6.6.4.3	
26	BREAK ROOM	221 SF	200 SF		6.6.3.12	
27	STATION CONTROL ROOM	1197 SF	1100 SF		6.6.3.5	
28	BATTERY ROOM	217 SF	160 SF		6.6.7.2	
29	THIRD PARTY COMM RM	161 SF	160 SF		6.6.7.1	
30	COMM BATT RM	161 SF	160 SF		6.6.7.1	
31	TRAIN CONTROL & COMM RM	1475 SF	1280 SF		6.6.7.1	
32	STATION COMPUTER ROOM	579 SF	500 SF		6.6.3.6	
33	STATION ADMIN OFFICE	224 SF	200 SF	100 SF per assigned staff	6.6.3.2	
34	REFUSE	173 SF	150 SF		6.6.4.1	
35	LANDSCAPE MAINTENANCE STORAGE	310 SF			6.6.4.4	
36	FACILITY MAINTENANCE OFFICE	386 SF	330 SF		6.6.3.10	
37	NORTH ENTRY	987 SF			6.3.2.1	
38	PEDESTRIAN OVERCROSSING	5930 SF			6.5.2	
39	ELECTRICAL	296 SF	450 SF		6.6.6.2	
40	CLEANING SUPPLY	79 SF	80 SF		6.6.4.2	
41	STORAGE	101 SF	100 SF		6.6.4.3	
42	STORAGE	101 SF	100 SF		6.6.4.3	
43	CLEANING SUPPLY	97 SF	80 SF		6.6.4.2	

* STATION PUBLIC AREAS AND VERTICAL CIRCULATION ARE SIZED FOR PEAK PASSENGER FORECAST FOR FULL BUILD OUT (2035) AT 50% AIR FARES AS PROVIDED IN STATION AREA PARKING GUIDANCE TECHNICAL MEMORANDUM REV 4, DATED 6/20/2011

PEAK CUMULATIVE DAILY BOARDINGS OF 9,200 PASSENGERS

PEAK HOUR BOARDINGS (P60B) OF 1,380 PASSENGERS

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D. BACKMAN

CHECKED BY
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IN CHARGE
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 BAKERSFIELD URBAN SUBSECTION
 ALIGNMENT B1
 BAKERSFIELD STATION - NORTH ALTERNATIVE
ROOM SCHEDULE

CONTRACT NO.
HSR 06-0003

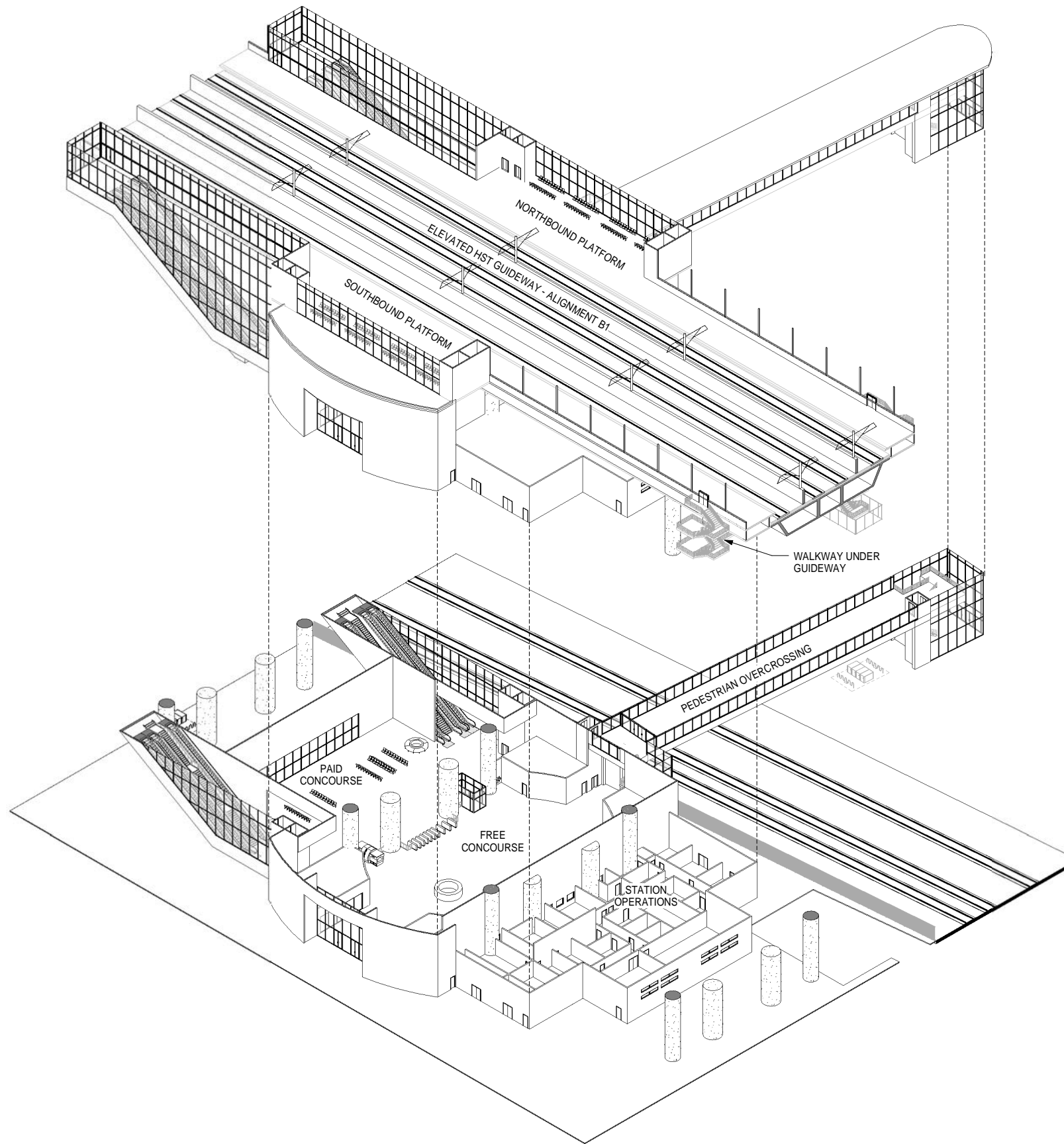
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SCALE

SHEET NO.
11 OF 14

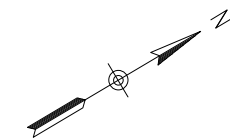
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PLATFORM 2
A9401

CONCOURSE 1
A9401



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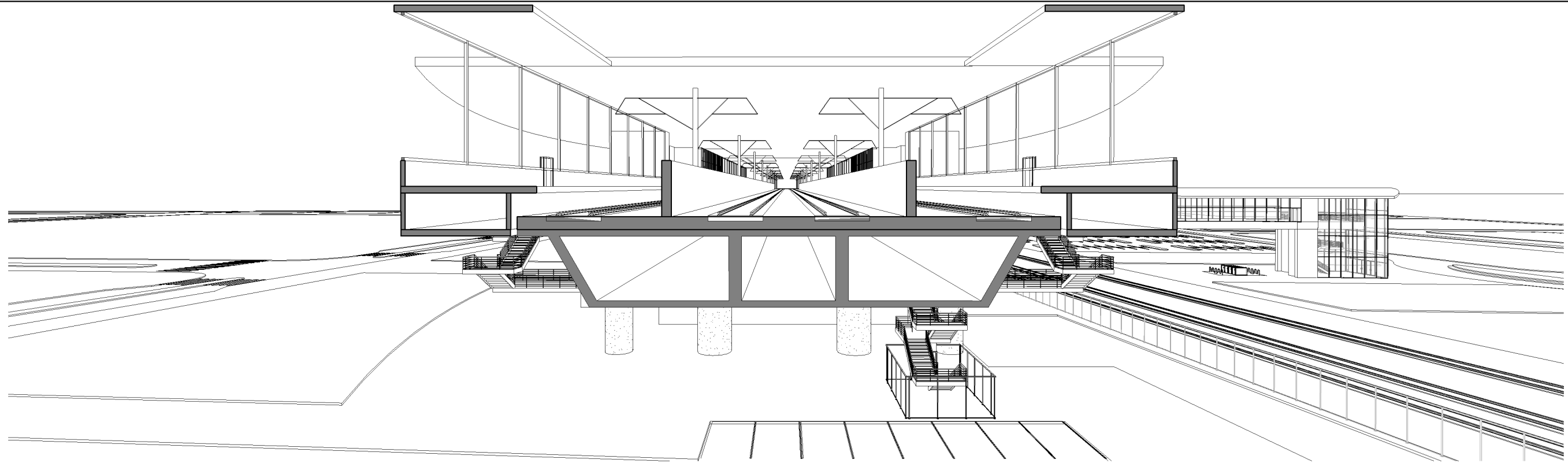


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
AXONOMETRIC VIEWS

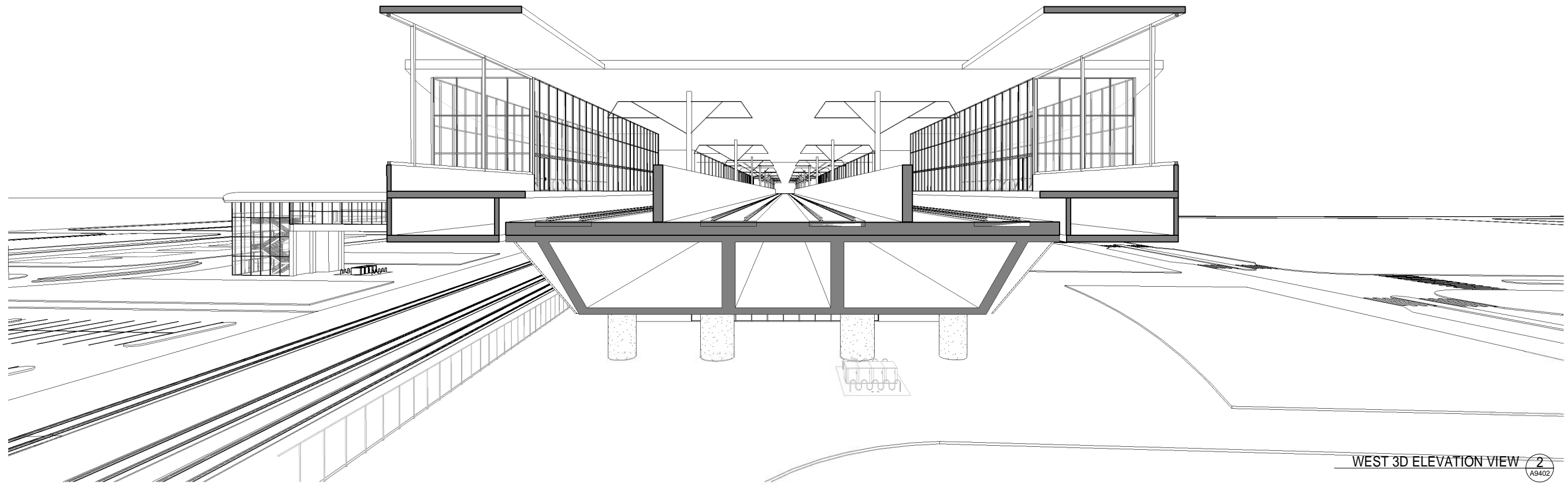
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HSR 06-0003
DRAWING NO.
A9401
SCALE
SHEET NO.
12 OF 14

GENERAL NOTES

KEY NOTES



EAST 3D ELEVATION VIEW 1
A9402



WEST 3D ELEVATION VIEW 2
A9402

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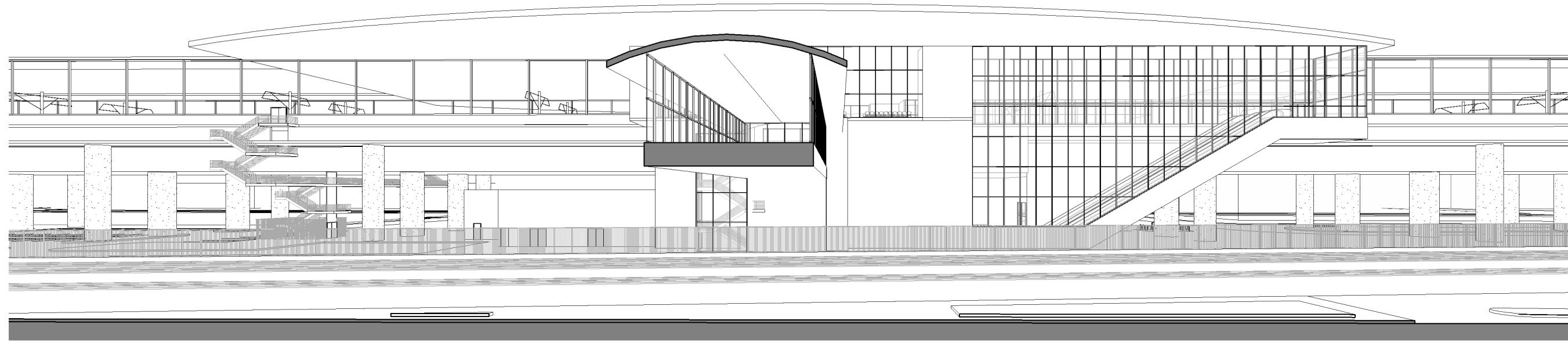
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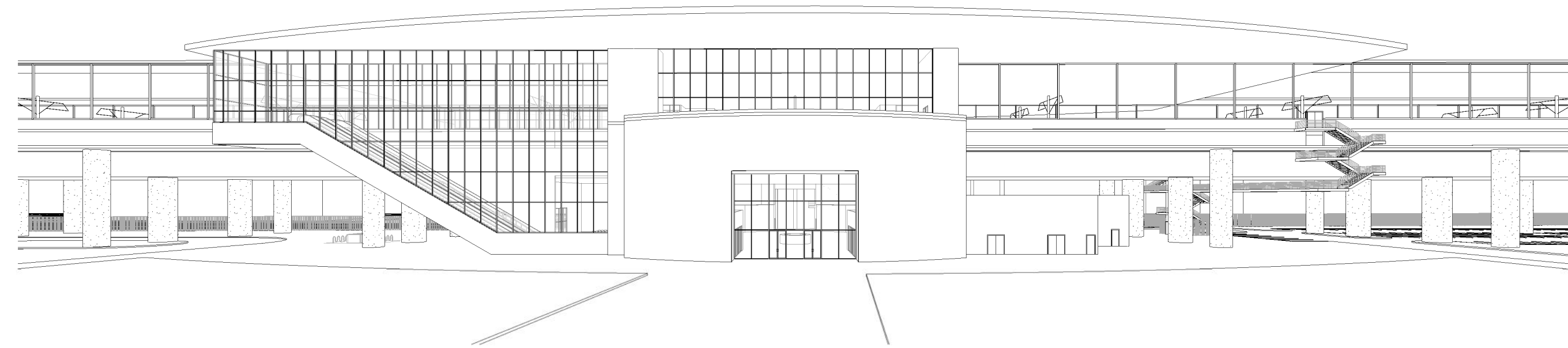


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9402
SCALE
SHEET NO.
13 OF 14



NORTH 3D ELEVATION VIEW 1
A9403



SOUTH 3D ELEVATION VIEW 2
A9403

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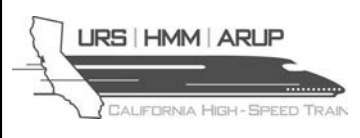
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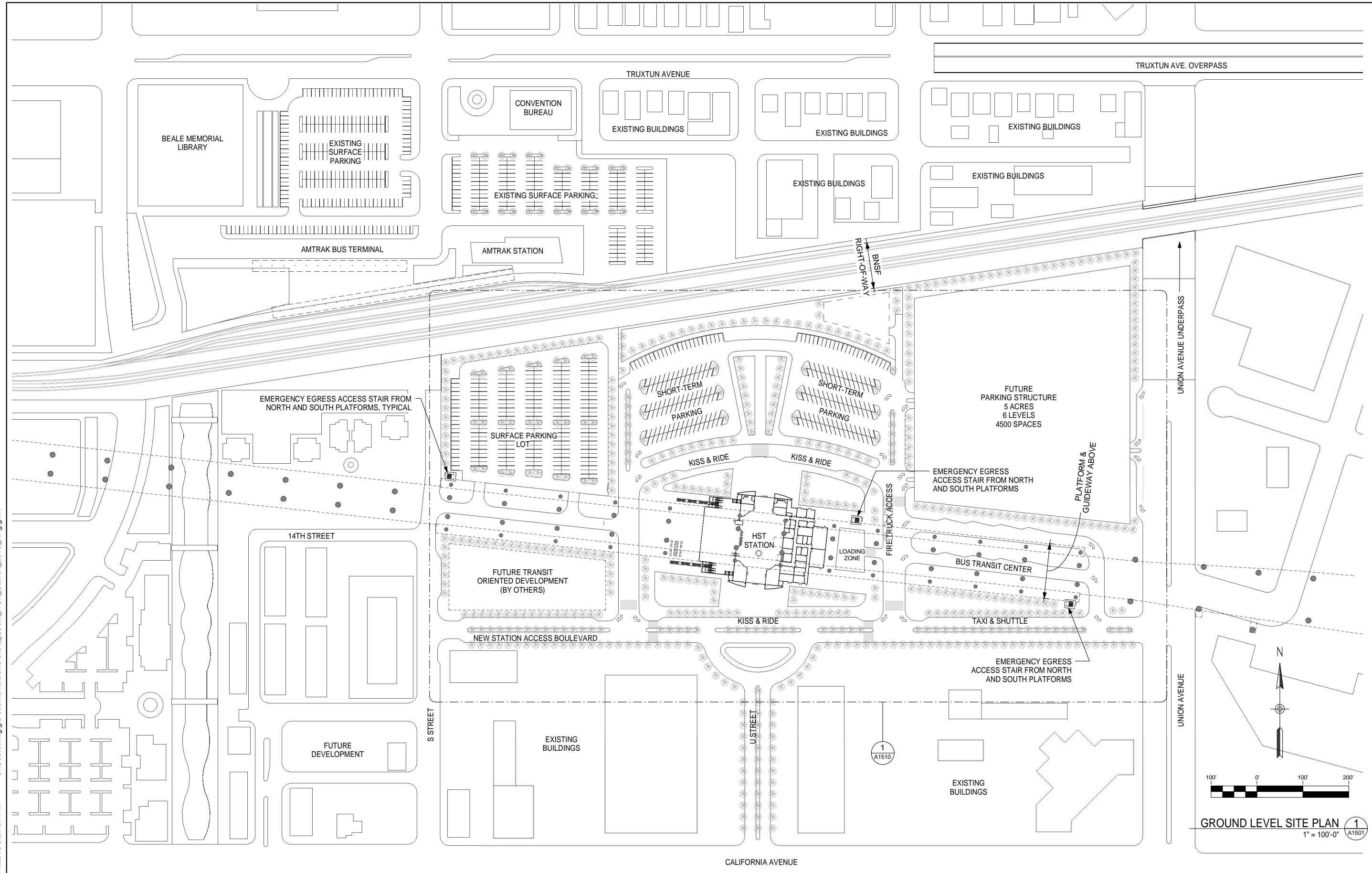
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FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9403
SCALE
SHEET NO.
14 OF 14



KEY NOTES

GROUND LEVEL SITE PLAN 1
1" = 100'-0" A1501

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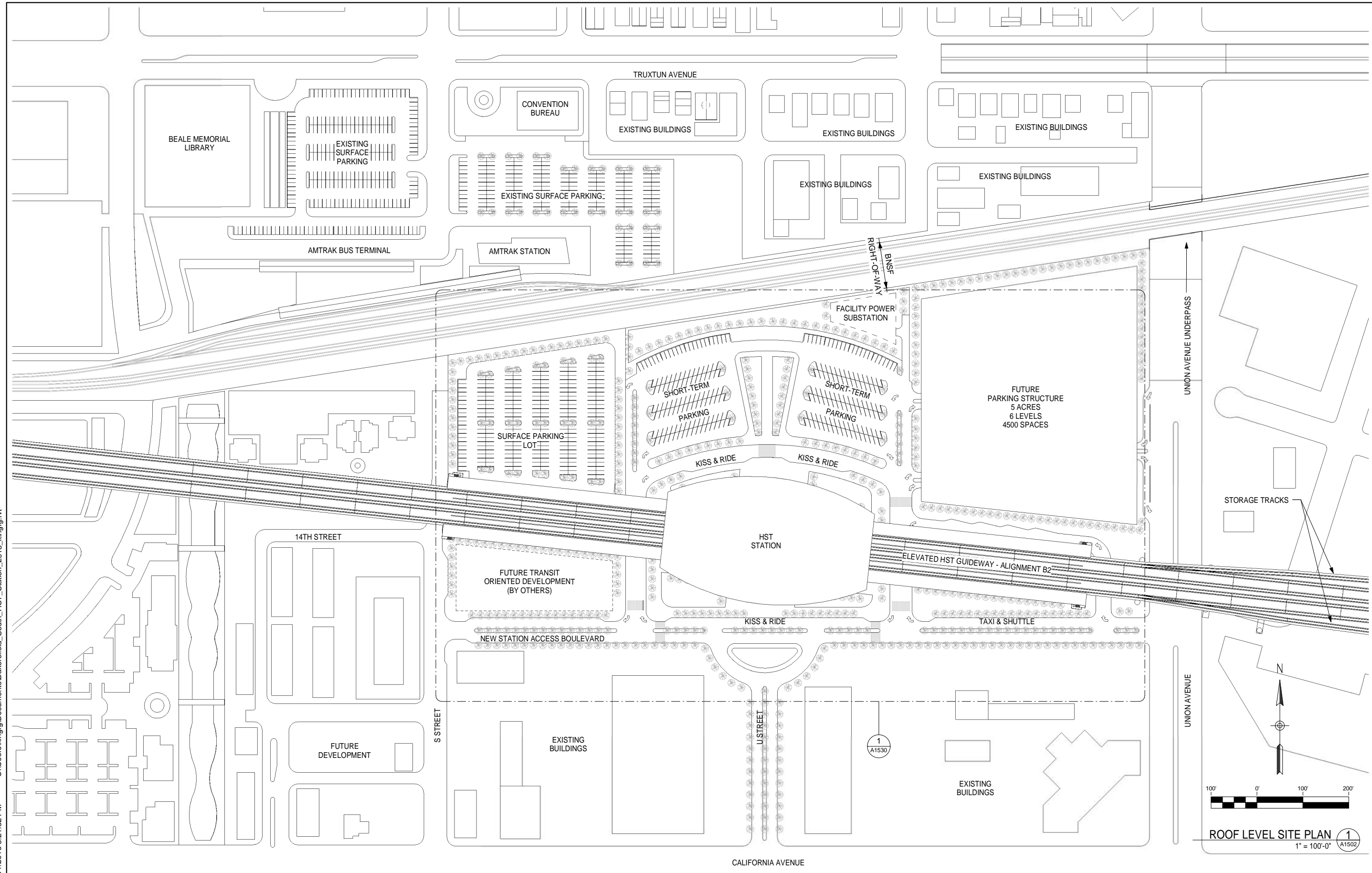
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
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BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
GROUND LEVEL SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1501
SCALE
1" = 100'-0"
SHEET NO.
1 OF 13

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KEY NOTES

ROOF LEVEL SITE PLAN 1
1" = 100'-0" A1502

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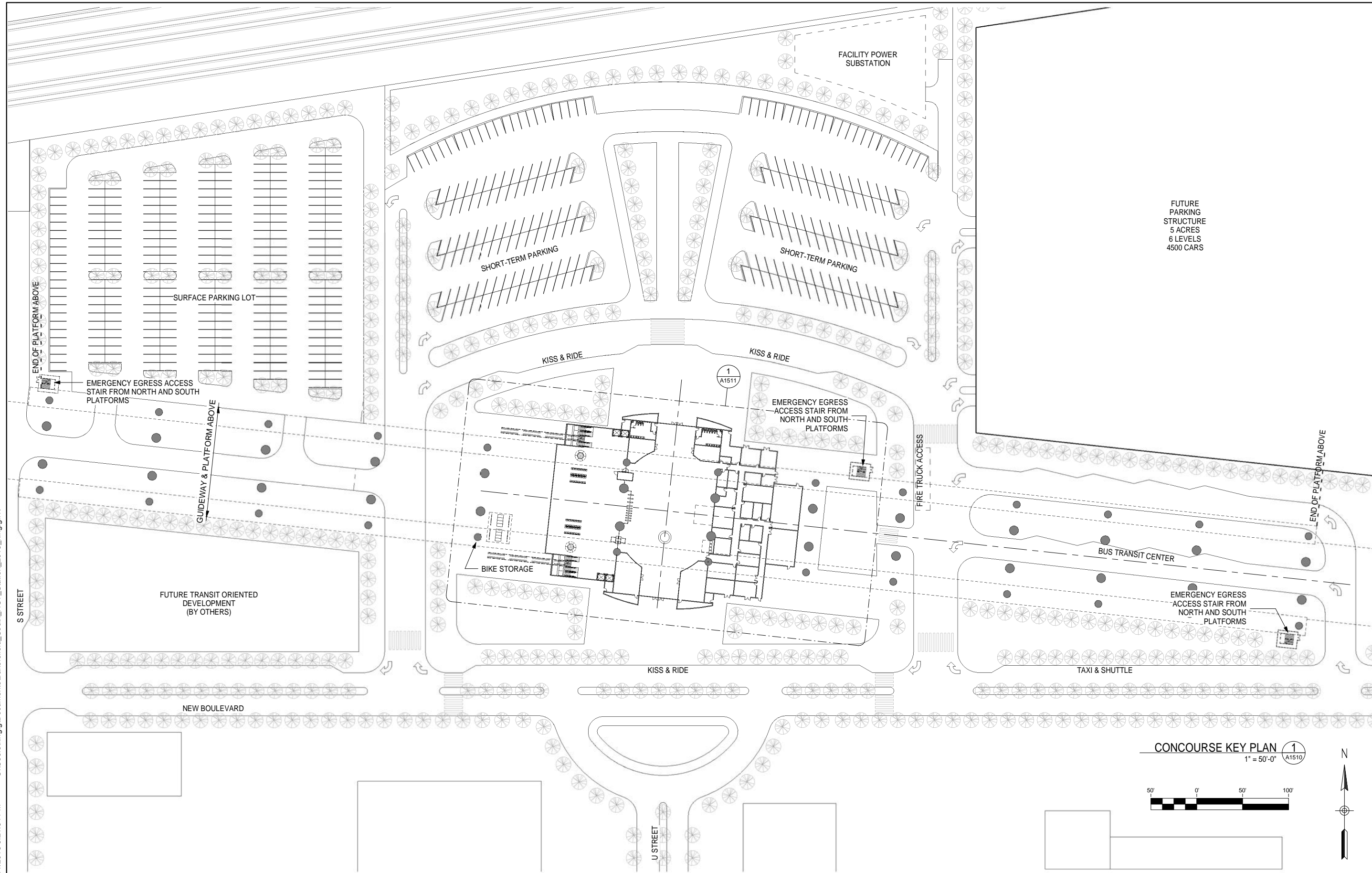
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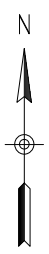


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ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
ROOF LEVEL SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1502
SCALE
1" = 100'-0"
SHEET NO.
2 OF 13



CONCOURSE KEY PLAN 1
1" = 50'-0" A1510



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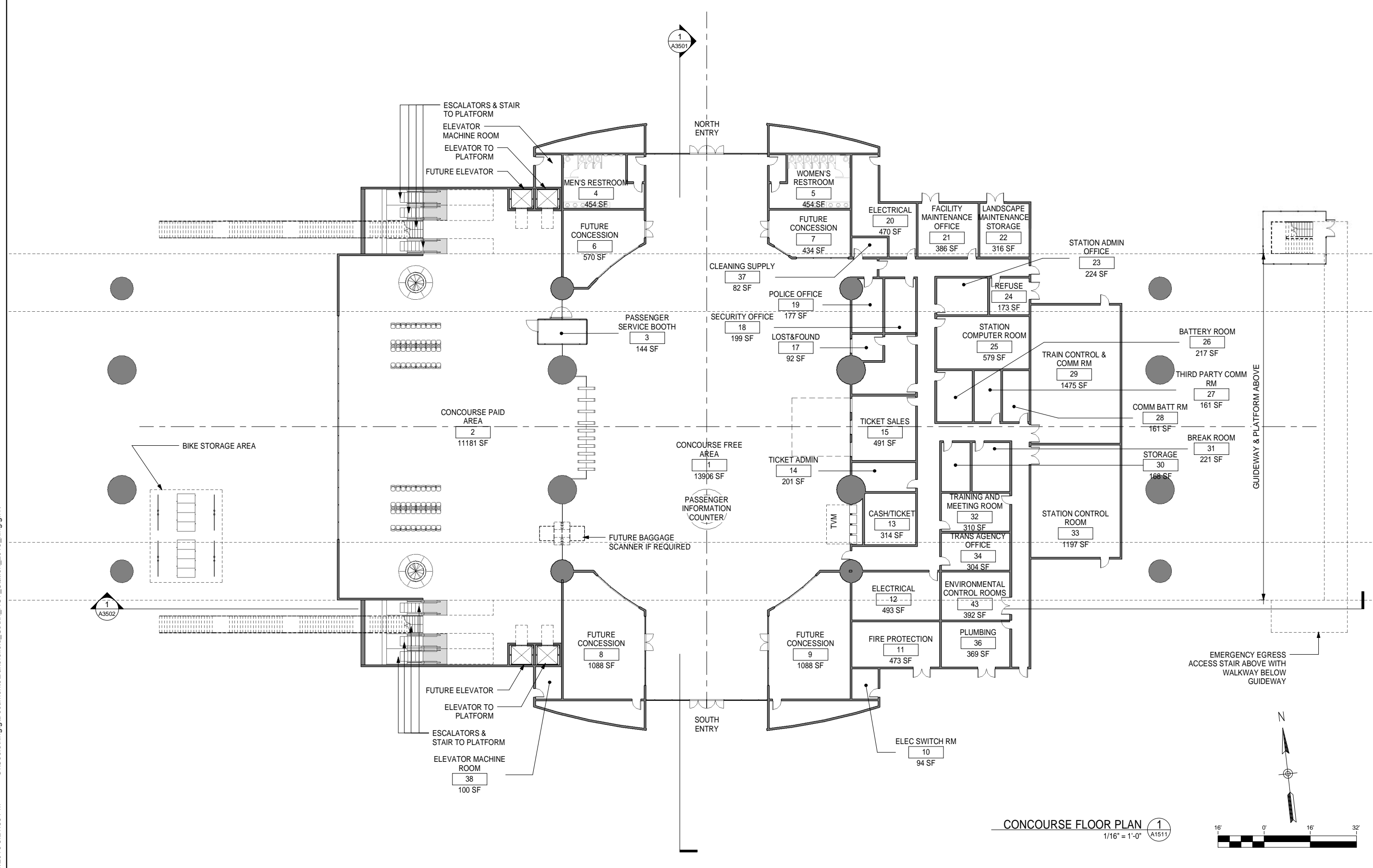
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
CONCOURSE KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1510
SCALE
1" = 50'-0"
SHEET NO.
3 OF 13



CONCOURSE FLOOR PLAN 1
1/16" = 1'-0" A1511

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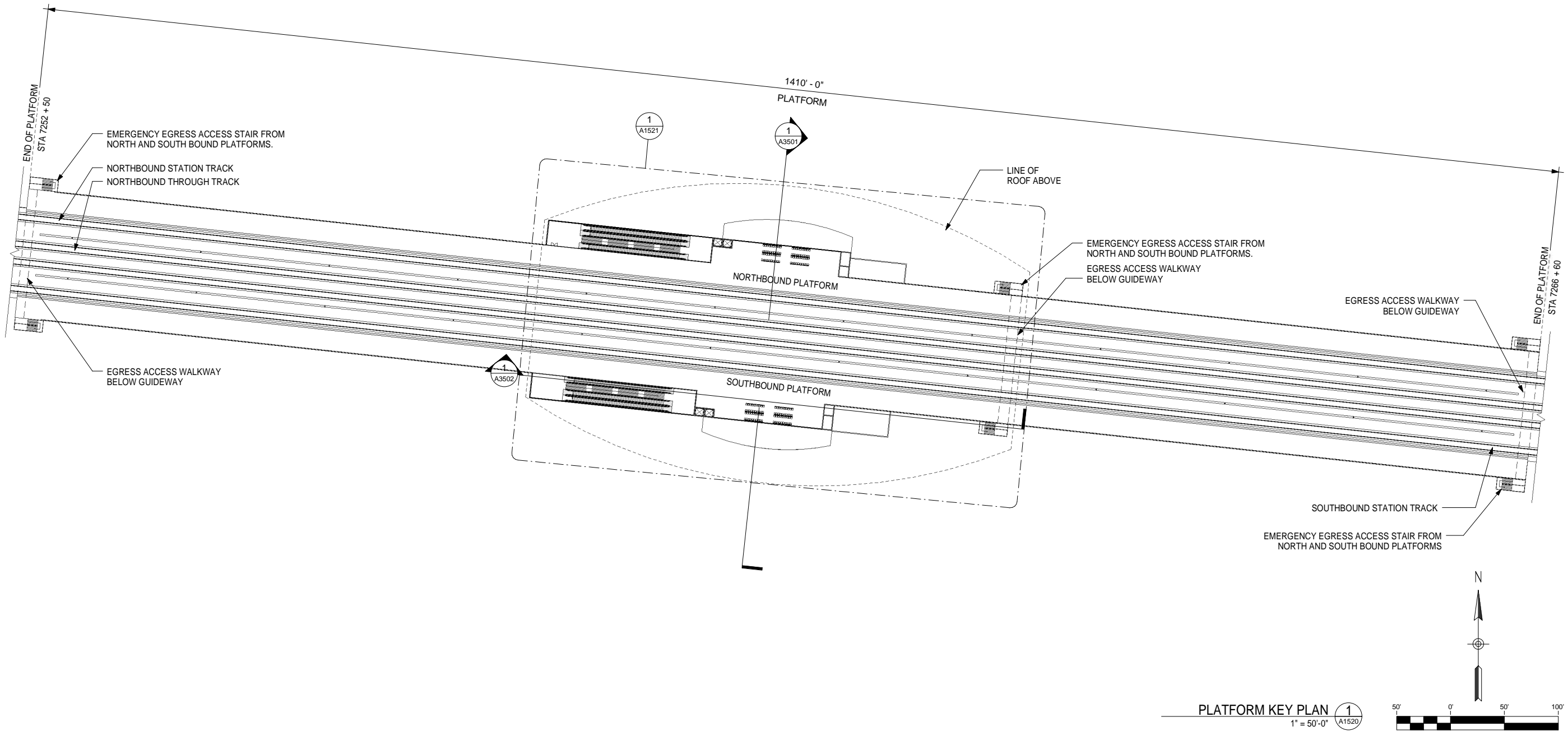
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FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
CONCOURSE FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1511
SCALE
1/16" = 1'-0"
SHEET NO.
4 OF 13



KEY NOTES

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 BAKERSFIELD URBAN SUBSECTION
 ALIGNMENT B2
 BAKERSFIELD STATION - SOUTH ALTERNATIVE
PLATFORM KEY PLAN

CONTRACT NO.
HSR 06-0003

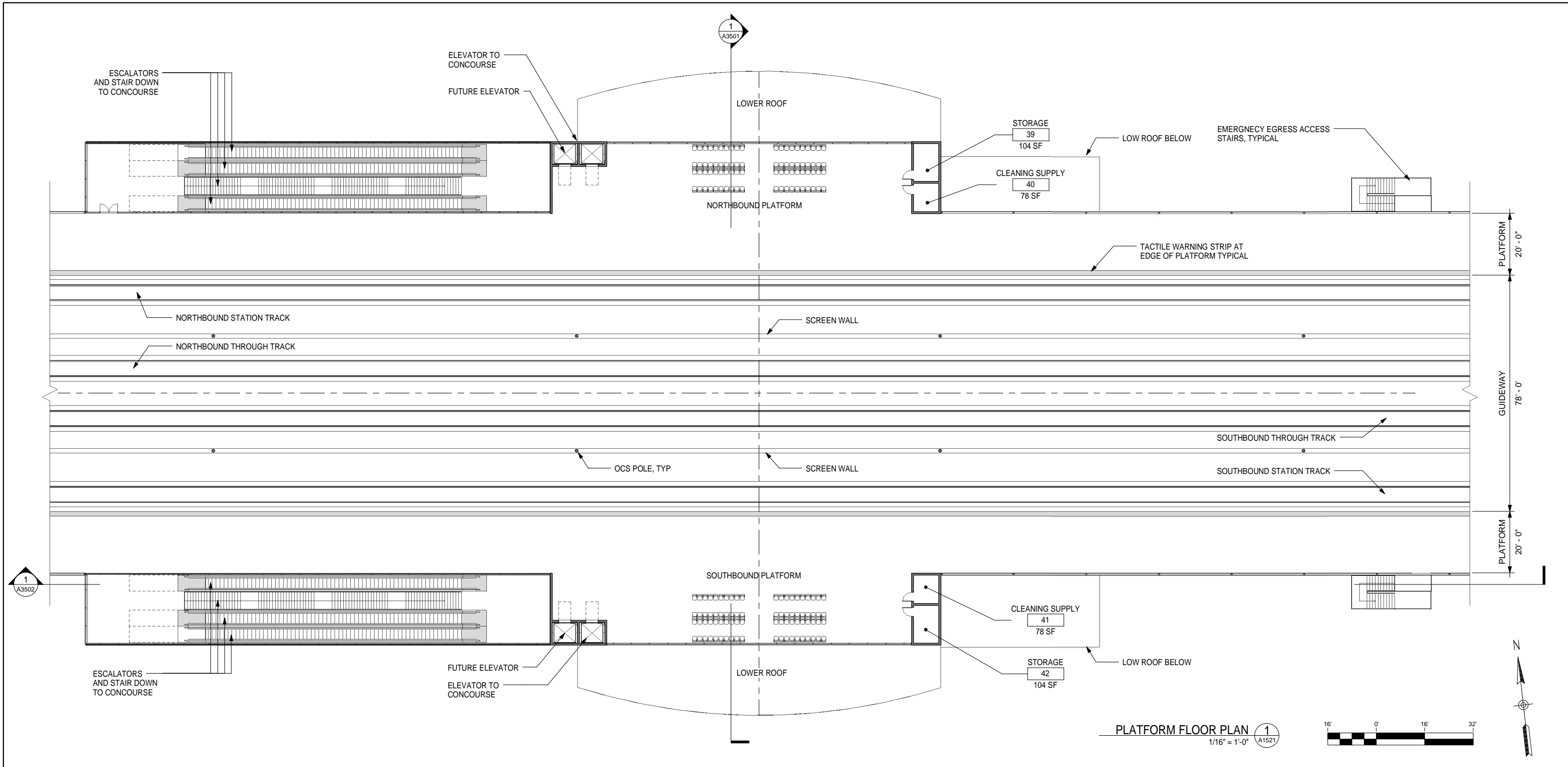
DRAWING NO.
A1520

SCALE
1" = 50'-0"

SHEET NO.
5 OF 13

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GENERAL NOTES

KEY NOTES

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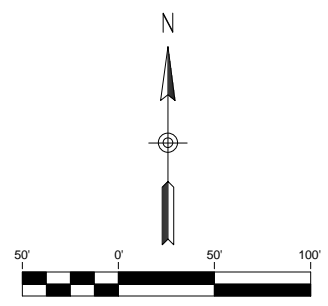
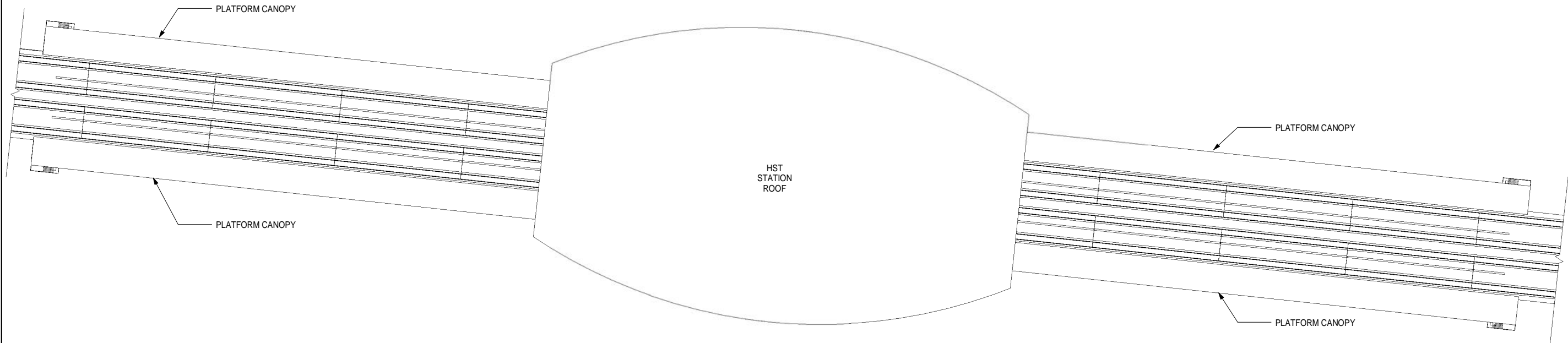
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
PLATFORM FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1521
SCALE
1/16" = 1'-0"
SHEET NO.
6 OF 13



ROOF KEY PLAN 1
1" = 50'-0" A1530

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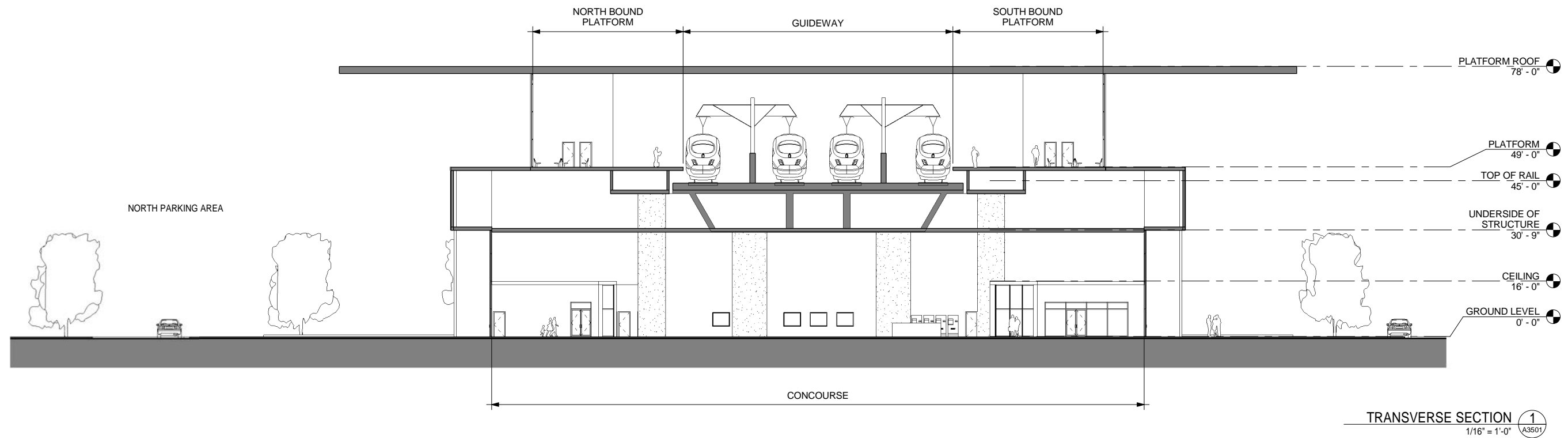


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FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
ROOF KEY PLAN

CONTRACT NO.
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DRAWING NO.
A1530
SCALE
1" = 50'-0"
SHEET NO.
7 OF 13

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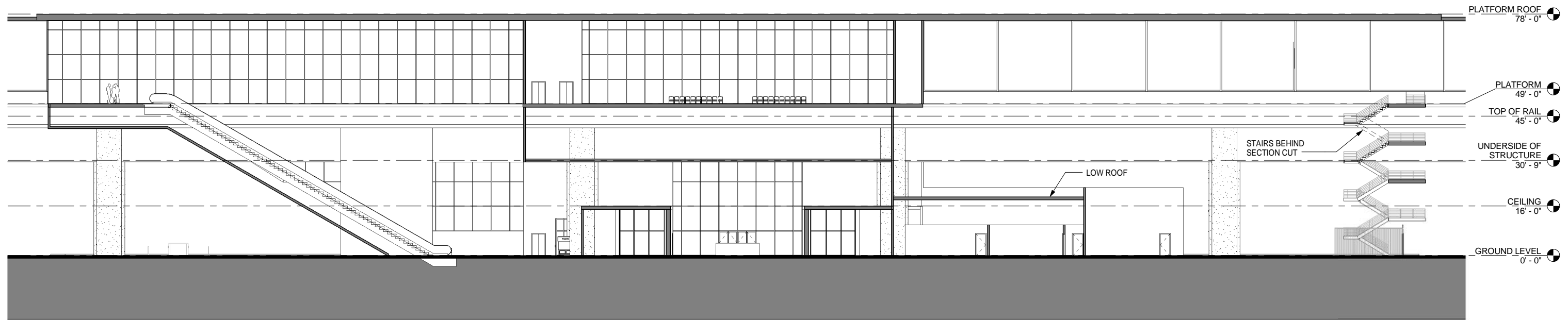


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
BUILDING SECTION

CONTRACT NO.
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DRAWING NO.
A3501
SCALE
1/16" = 1'-0"
SHEET NO.
8 OF 13

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LONGITUDINAL SECTION 1
1/16" = 1'-0" A3502



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BUILDING SECTION

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3502
SCALE
1/16" = 1'-0"
SHEET NO.
9 OF 13

ROOM SCHEDULE

No.	Name	Area	Required Area	FORMULA	TM 2.2.2. REFERENCE	Comments
1	CONCOURSE FREE AREA	13906 SF	0 SF	Table 6-2 *	6.3.2	
2	CONCOURSE PAID AREA	11181 SF	0 SF	Table 6-2 *	6.3.3	
3	PASSENGER SERVICE BOOTH	144 SF	160 SF		6.6.2.3	
4	MEN'S RESTROOM	454 SF	0 SF	Size per code	6.3.4	
5	WOMEN'S RESTROOM	454 SF	0 SF	Size per code	6.3.4	
6	FUTURE CONCESSION	570 SF	1000 SF	Table 6-3	6.3.5	
7	FUTURE CONCESSION	434 SF	1000 SF	Table 6-3	6.3.5	
8	FUTURE CONCESSION	1088 SF	500 SF	Table 6-3	6.3.5	
9	FUTURE CONCESSION	1088 SF	500 SF	Table 6-3	6.3.5	
10	ELEC SWITCH RM	94 SF	160 SF		6.6.7.2	
11	FIRE PROTECTION	473 SF			6.6.6.3	
12	ELECTRICAL	493 SF	450 SF		6.6.6.2	
13	CASH/TICKET	314 SF	260 SF		6.6.3.8	
14	TICKET ADMIN	201 SF	160 SF		6.6.3.7	
15	TICKET SALES	491 SF	225 SF	75 SF per window	6.6.2.2	Three windows
16	STATION MANAGER'S OFFICE	316 SF	270 SF		6.6.3.3	
17	LOST&FOUND	92 SF	80 SF		6.6.2.5	
18	SECURITY OFFICE	199 SF	160 SF		6.6.3.9	
19	POLICE OFFICE	177 SF	160 SF		6.6.2.6	
20	ELECTRICAL	470 SF	450 SF		6.6.6.2	
21	FACILITY MAINTENANCE OFFICE	386 SF	330 SF		6.6.3.10	
22	LANDSCAPE MAINTENANCE STORAGE	316 SF			6.6.4.4	
23	STATION ADMIN OFFICE	224 SF	200 SF	100 SF per assigned staff	6.6.3.2	
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29	TRAIN CONTROL & COMM RM	1475 SF	1280 SF		6.6.7.1	
30	STORAGE	168 SF	150 SF		6.6.4.3	
31	BREAK ROOM	221 SF	200 SF		6.6.3.12	
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33	STATION CONTROL ROOM	1197 SF	1100 SF		6.6.3.5	
34	TRANS AGENCY OFFICE	304 SF			6.6.3.16	
36	PLUMBING	369 SF			6.6.6.4	
37	CLEANING SUPPLY	82 SF	80 SF		6.6.4.2	
38	ELEVATOR MACHINE ROOM	100 SF			6.5.3.6	
39	STORAGE	104 SF	100 SF		6.6.4.3	
40	CLEANING SUPPLY	78 SF	80 SF		6.6.4.2	
41	CLEANING SUPPLY	78 SF	80 SF		6.6.4.2	
42	STORAGE	104 SF	100 SF		6.6.4.3	
43	ENVIRONMENTAL CONTROL ROOMS	392 SF			6.6.6.1	

* STATION PUBLIC AREAS AND VERTICAL CIRCULATION ARE SIZED FOR PEAK PASSENGER FORECAST FOR FULL BUILD OUT (2035) AT 50% AIR FARES AS PROVIDED IN STATION AREA PARKING GUIDANCE TECHNICAL MEMORANDUM REV 4, DATED 6/20/2011

PEAK CUMULATIVE DAILY BOARDINGS OF 9,200 PASSENGERS

PEAK HOUR BOARDINGS (P60B) OF 1,380 PASSENGERS

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
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 BAKERSFIELD URBAN SUBSECTION
 ALIGNMENT B2
 BAKERSFIELD STATION - SOUTH ALTERNATIVE
ROOM SCHEDULE

CONTRACT NO.
HSR 06-0003

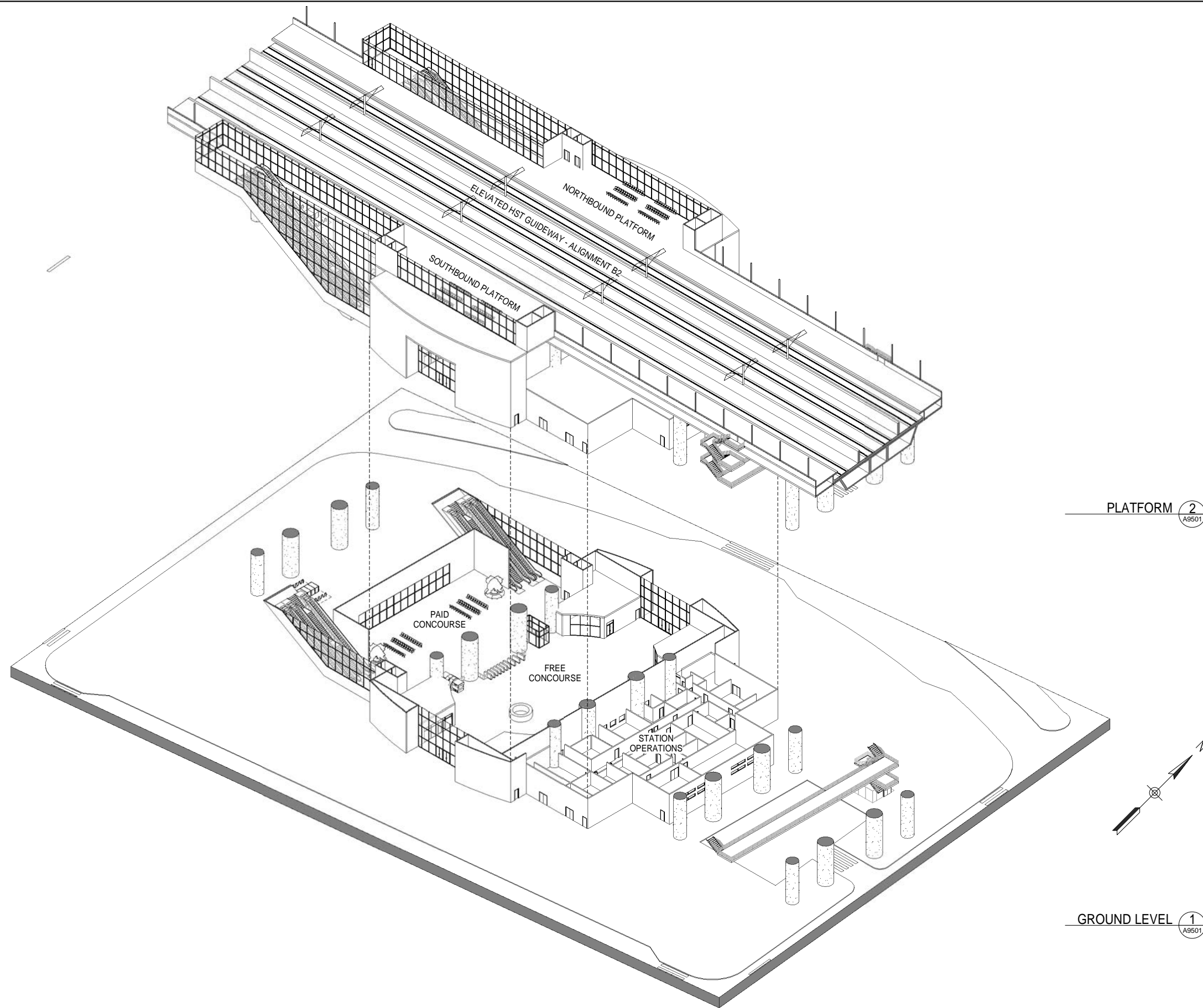
DRAWING NO.
A6501

SCALE

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10 OF 13

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PLATFORM 2
A9501

GROUND LEVEL 1
A9501

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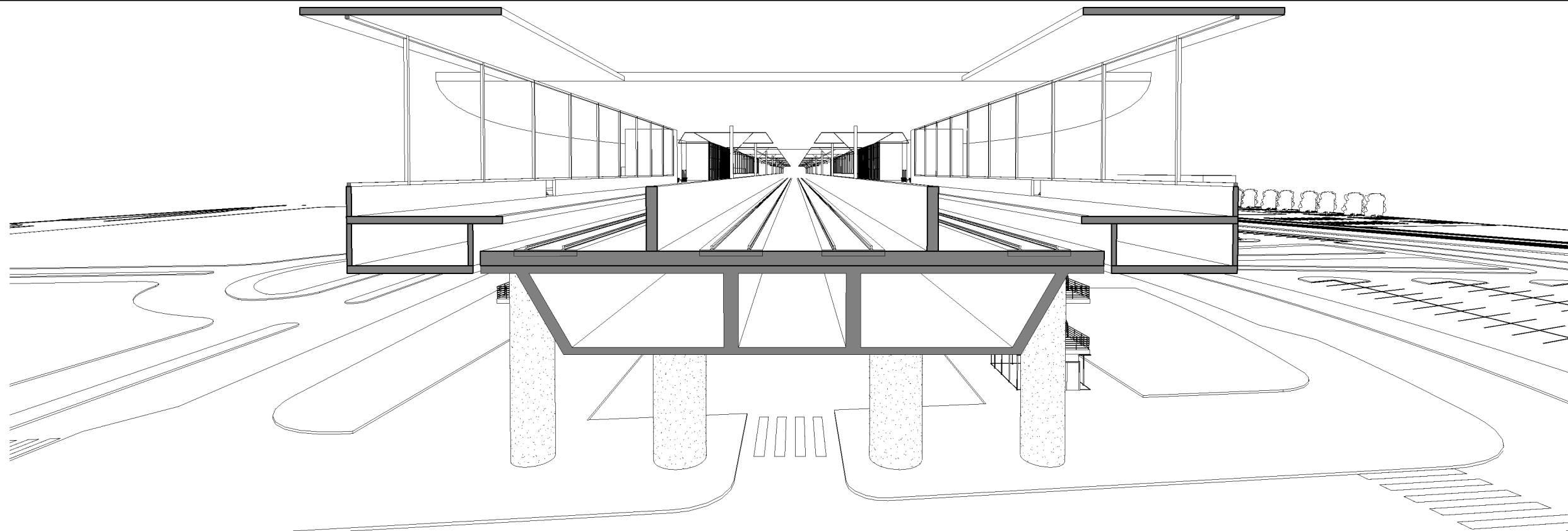
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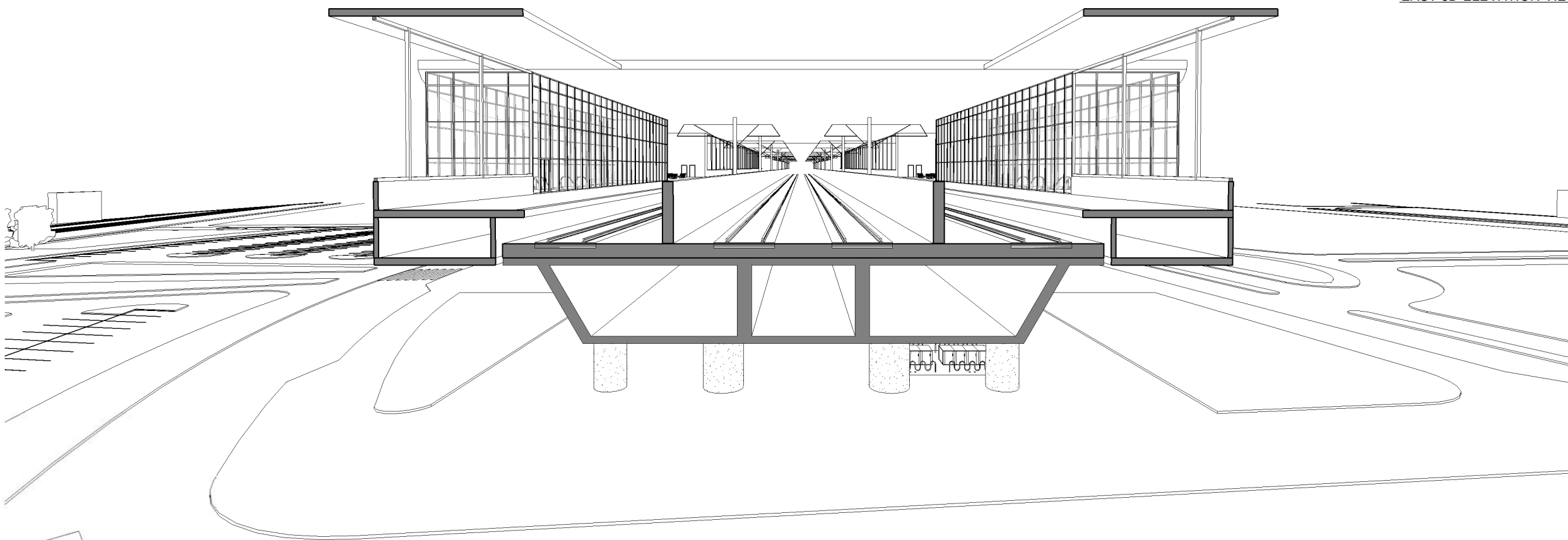


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
AXONOMETRIC VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9501
SCALE
SHEET NO.
11 OF 13



EAST 3D ELEVATION VIEW 2
A9502



WEST 3D ELEVATION VIEW 1
A9502

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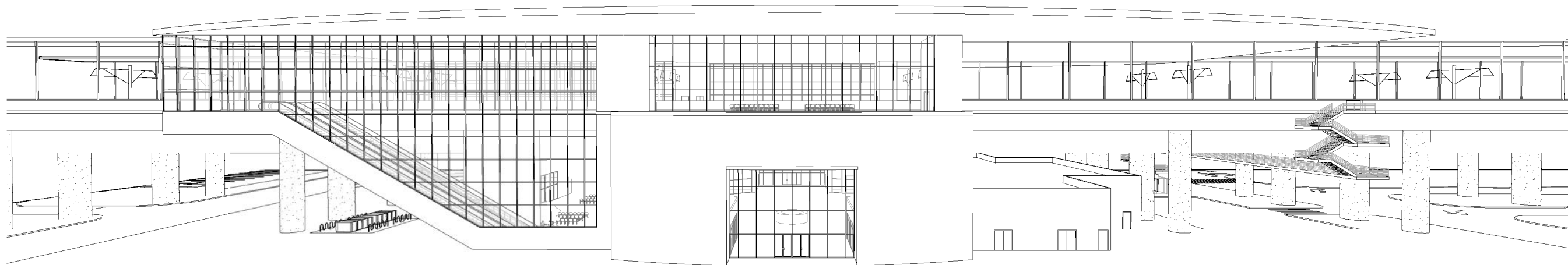
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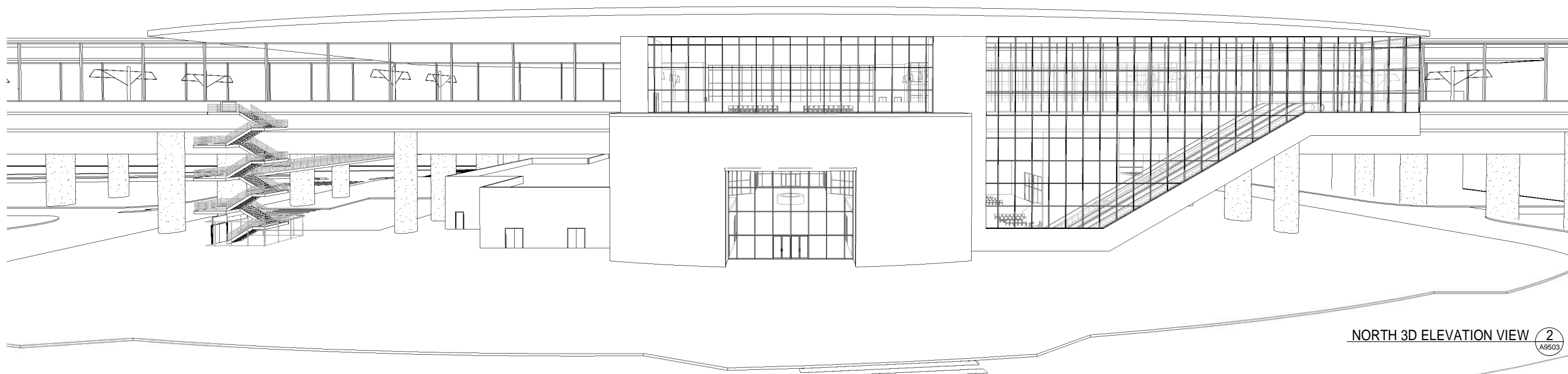


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FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A9502
SCALE	
SHEET NO.	12 OF 13



SOUTH 3D ELEVATION VIEW 1
A9503



NORTH 3D ELEVATION VIEW 2
A9503

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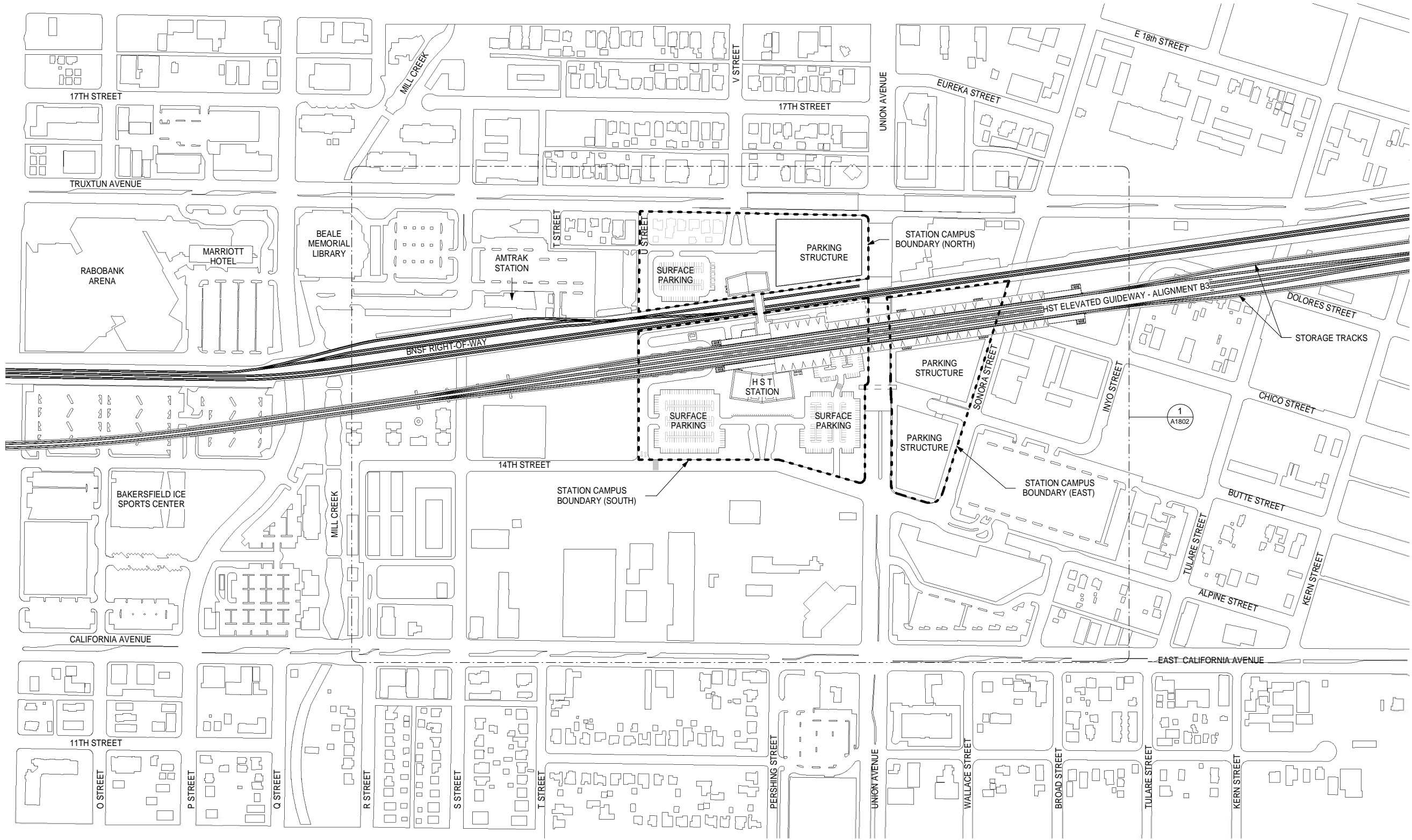
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FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9503
SCALE
SHEET NO.
13 OF 13



SITE CONTEXT ROOF PLAN 1

1" = 200'-0" A1801



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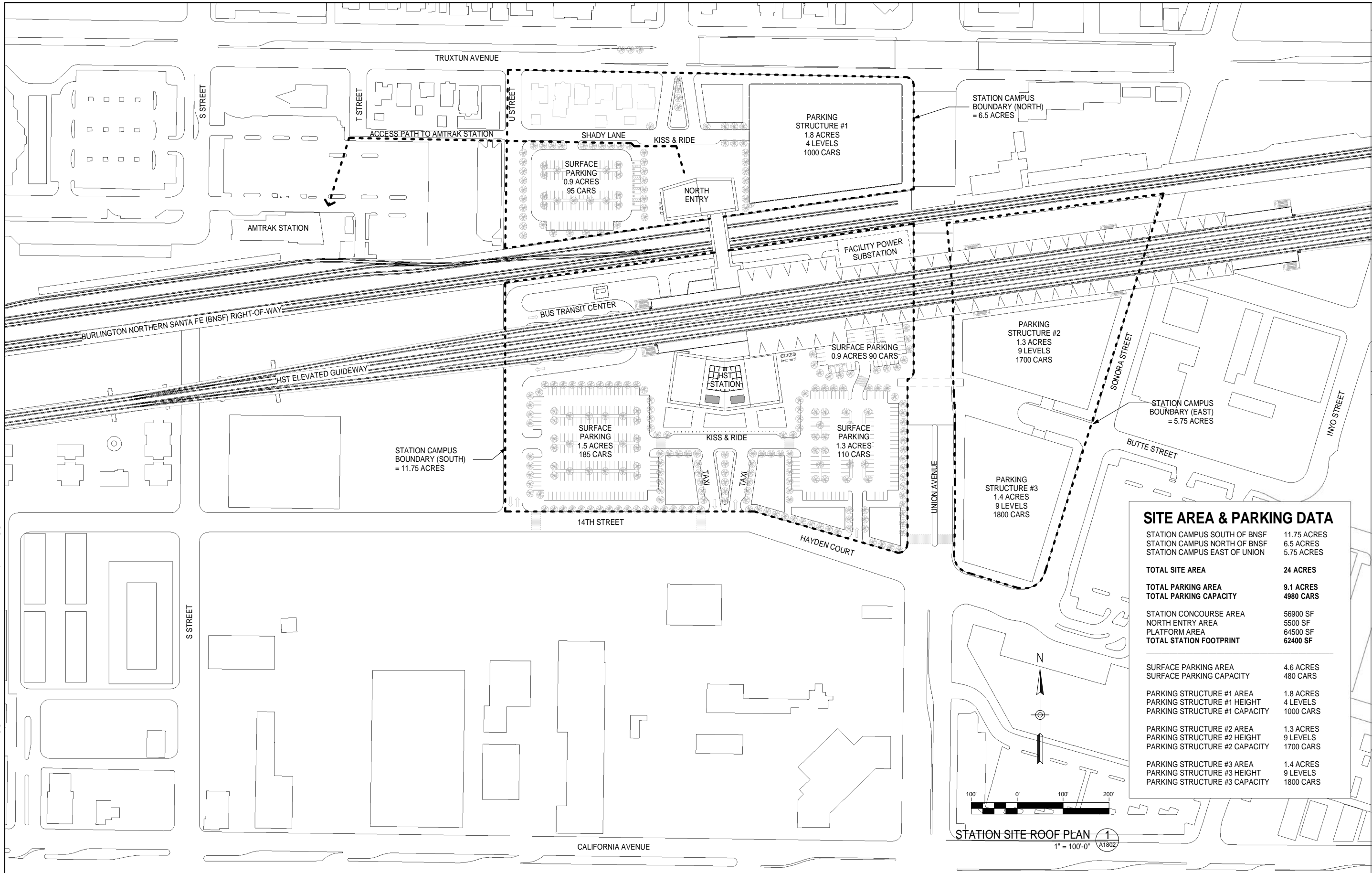
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
SITE CONTEXT ROOF PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1801
SCALE
1" = 200'-0"
SHEET NO.
1 OF 15



SITE AREA & PARKING DATA

STATION CAMPUS SOUTH OF BNSF	11.75 ACRES
STATION CAMPUS NORTH OF BNSF	6.5 ACRES
STATION CAMPUS EAST OF UNION	5.75 ACRES
TOTAL SITE AREA	24 ACRES
TOTAL PARKING AREA	9.1 ACRES
TOTAL PARKING CAPACITY	4980 CARS
STATION CONCOURSE AREA	56900 SF
NORTH ENTRY AREA	5500 SF
PLATFORM AREA	64500 SF
TOTAL STATION FOOTPRINT	62400 SF
SURFACE PARKING AREA	4.6 ACRES
SURFACE PARKING CAPACITY	480 CARS
PARKING STRUCTURE #1 AREA	1.8 ACRES
PARKING STRUCTURE #1 HEIGHT	4 LEVELS
PARKING STRUCTURE #1 CAPACITY	1000 CARS
PARKING STRUCTURE #2 AREA	1.3 ACRES
PARKING STRUCTURE #2 HEIGHT	9 LEVELS
PARKING STRUCTURE #2 CAPACITY	1700 CARS
PARKING STRUCTURE #3 AREA	1.4 ACRES
PARKING STRUCTURE #3 HEIGHT	9 LEVELS
PARKING STRUCTURE #3 CAPACITY	1800 CARS

STATION SITE ROOF PLAN 1
1" = 100'-0" A1802

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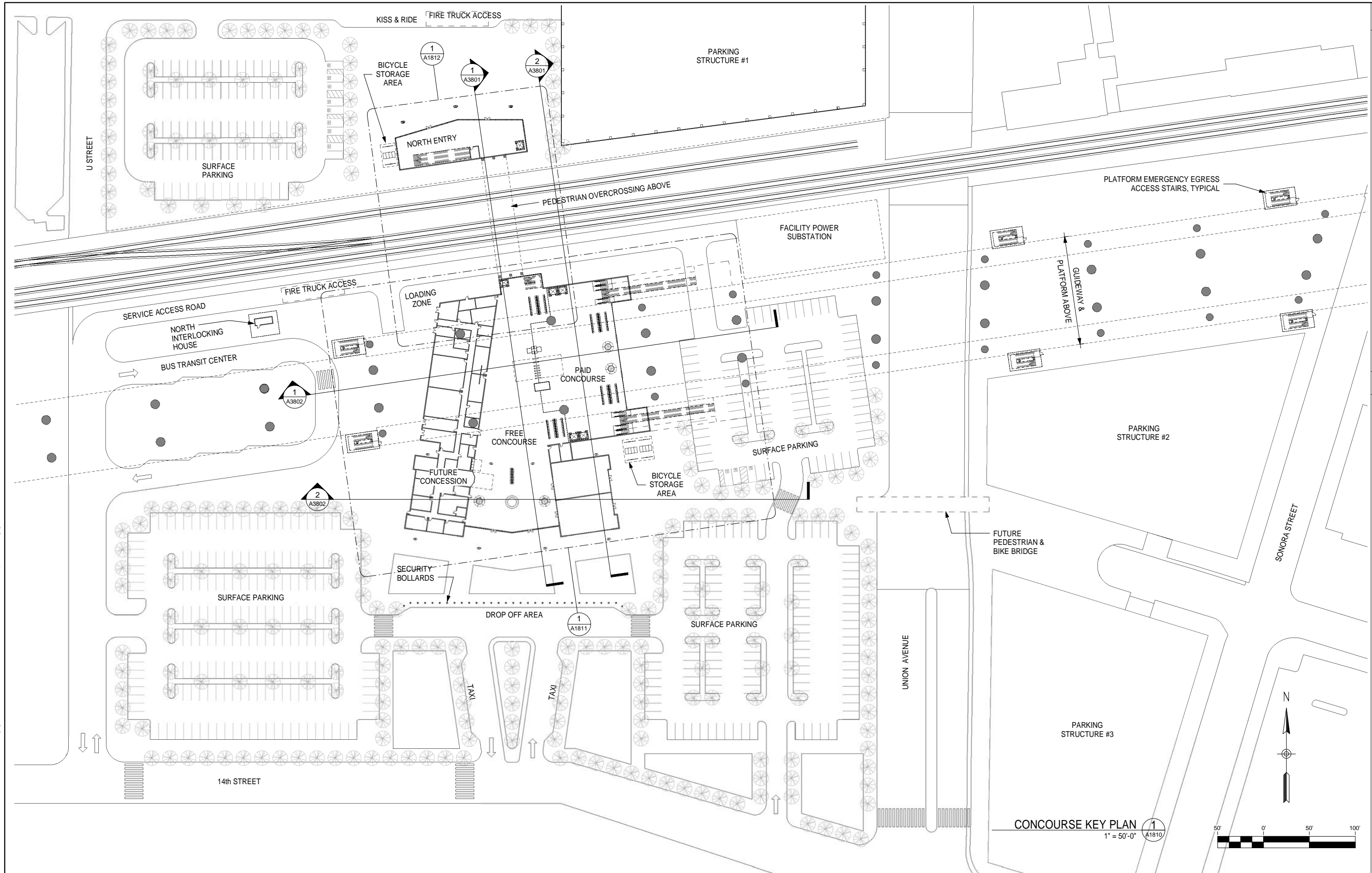


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FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
STATION SITE ROOF PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1802
SCALE
1" = 100'-0"
SHEET NO.
2 OF 15

GENERAL NOTES

KEY NOTES



CONCOURSE KEY PLAN 1
1" = 50'-0" A1810

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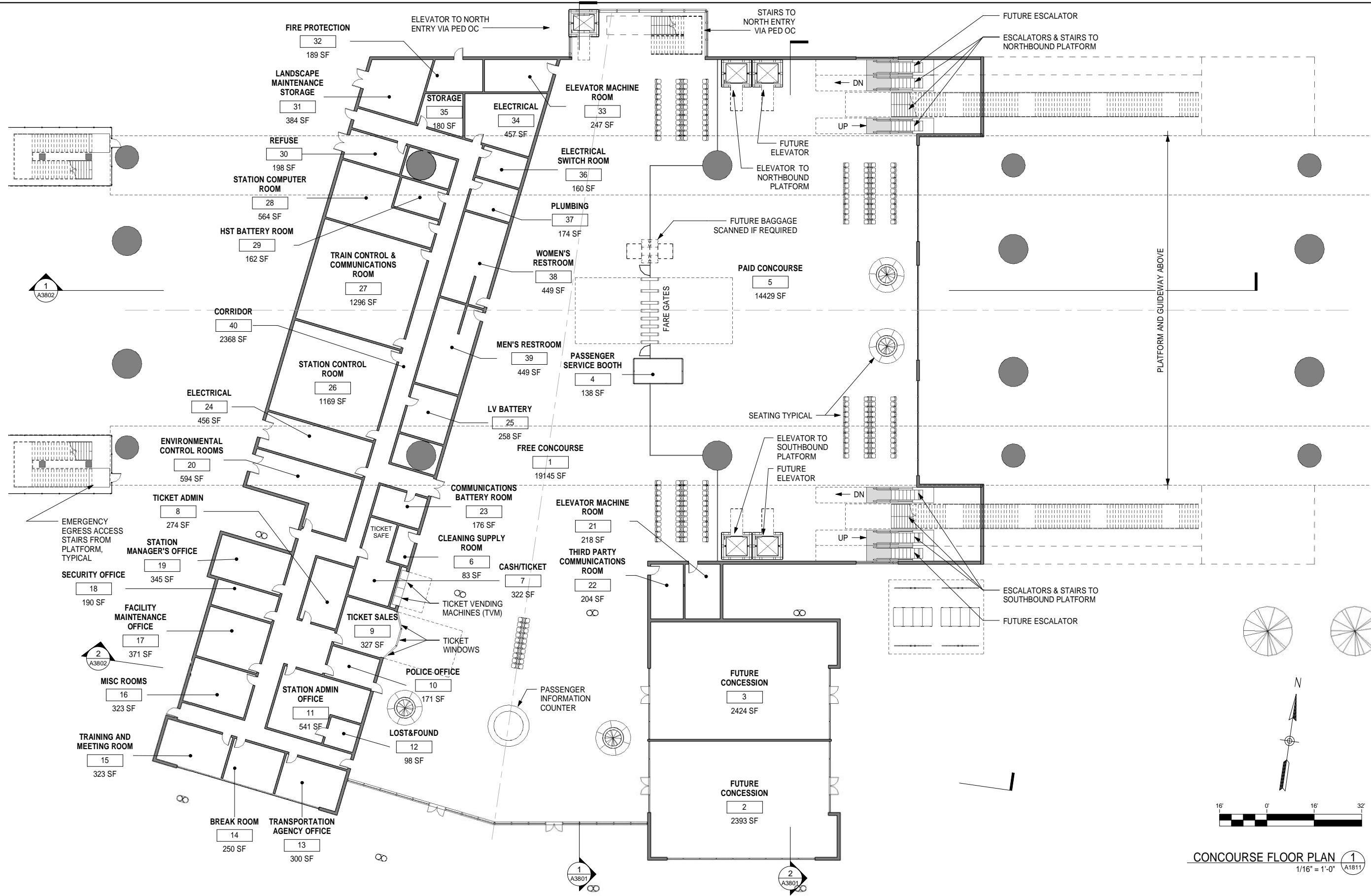


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CONCOURSE KEY PLAN

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A1810
SCALE
1" = 50'-0"
SHEET NO.
3 OF 15

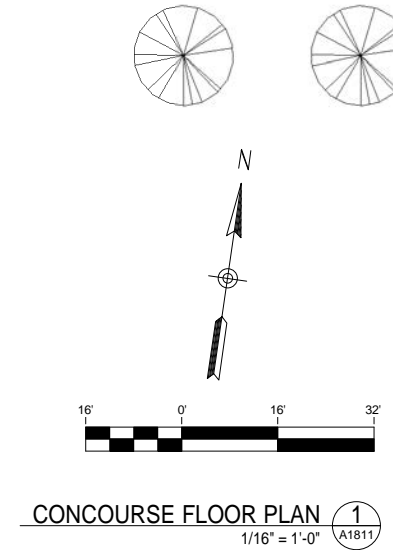
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GENERAL NOTES

KEY NOTES



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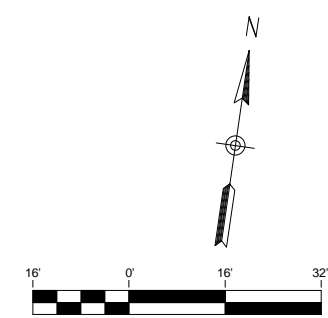
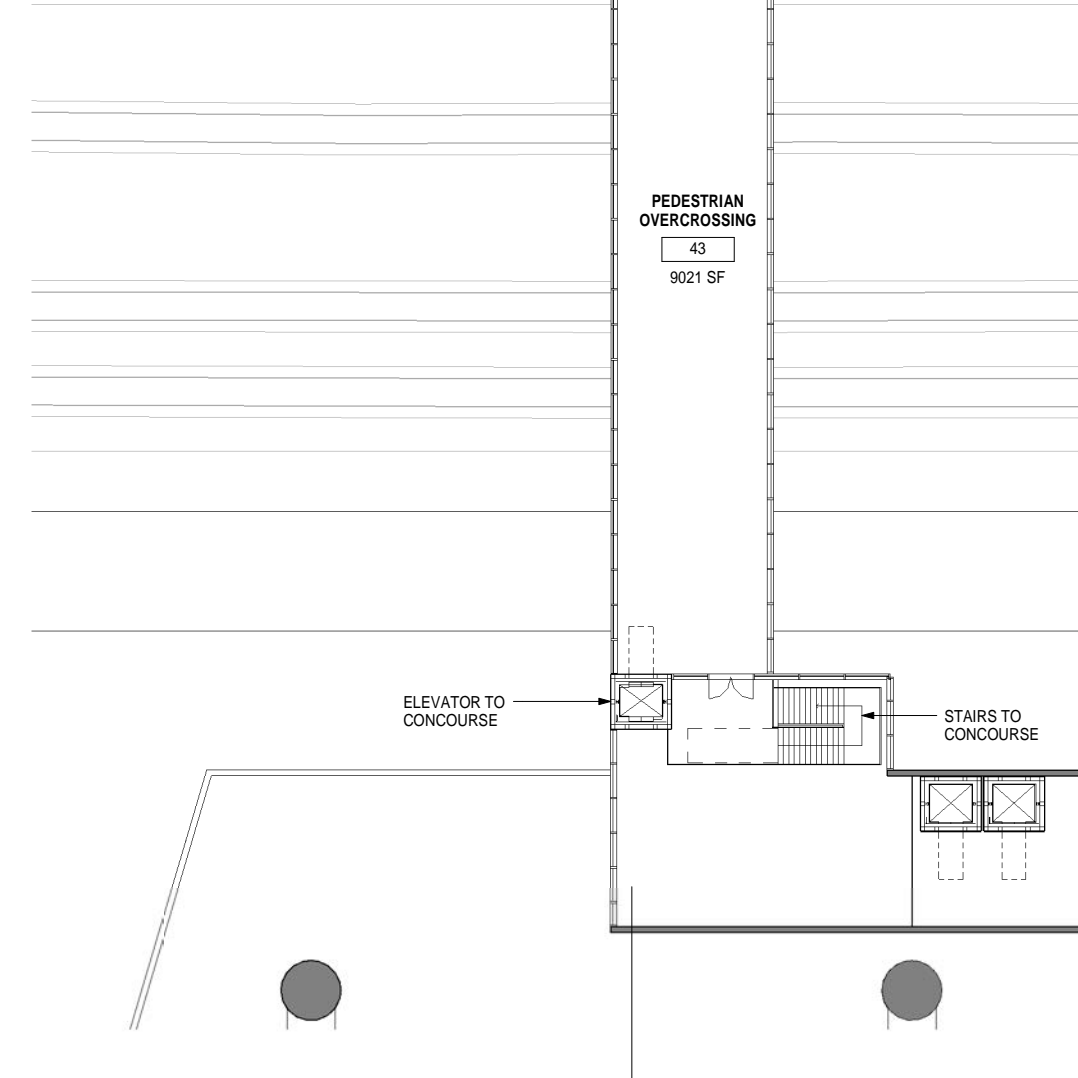
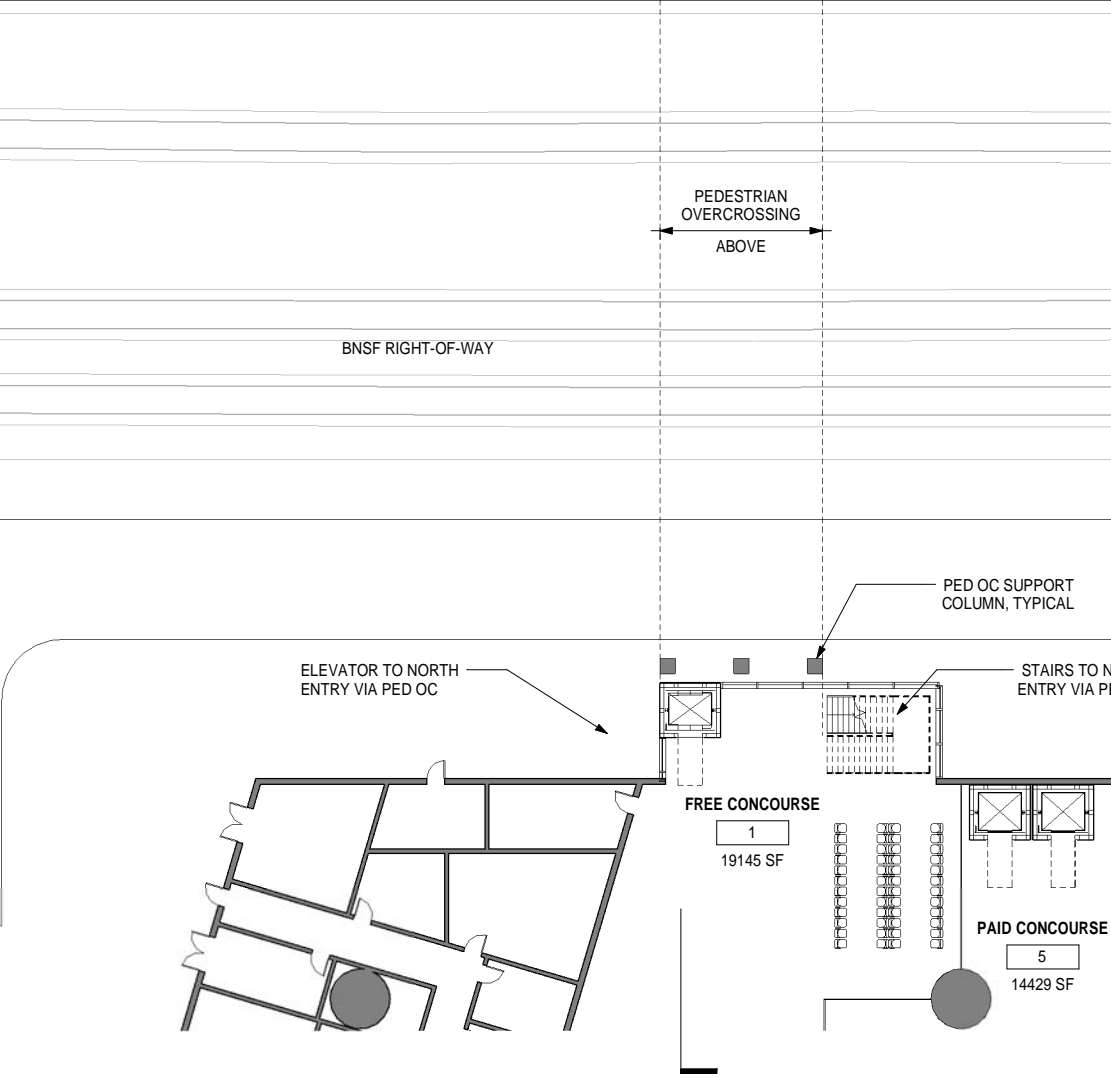
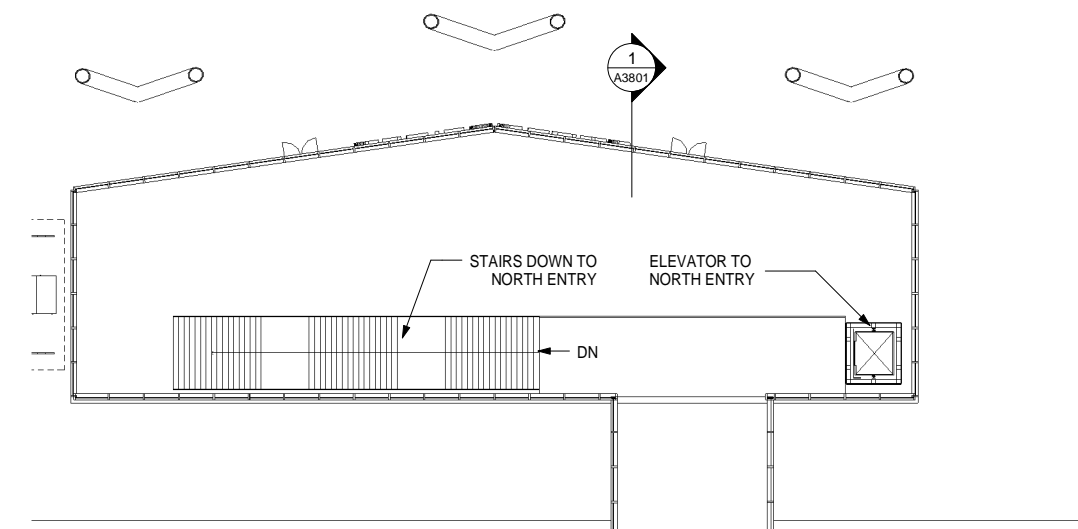
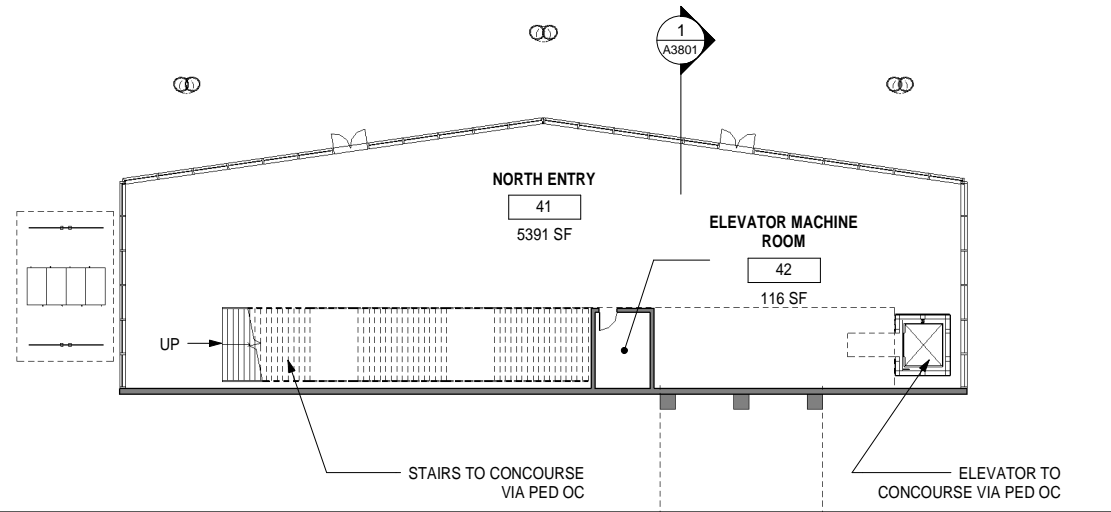


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ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
CONCOURSE FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1811
SCALE
1/16" = 1'-0"
SHEET NO.
4 OF 15

GENERAL NOTES

KEY NOTES



NORTH ENTRY FLOOR PLAN 1
1/16" = 1'-0" A1812

PEDESTRIAN OVERCROSSING FLOOR PLAN 2
1/16" = 1'-0" A1812

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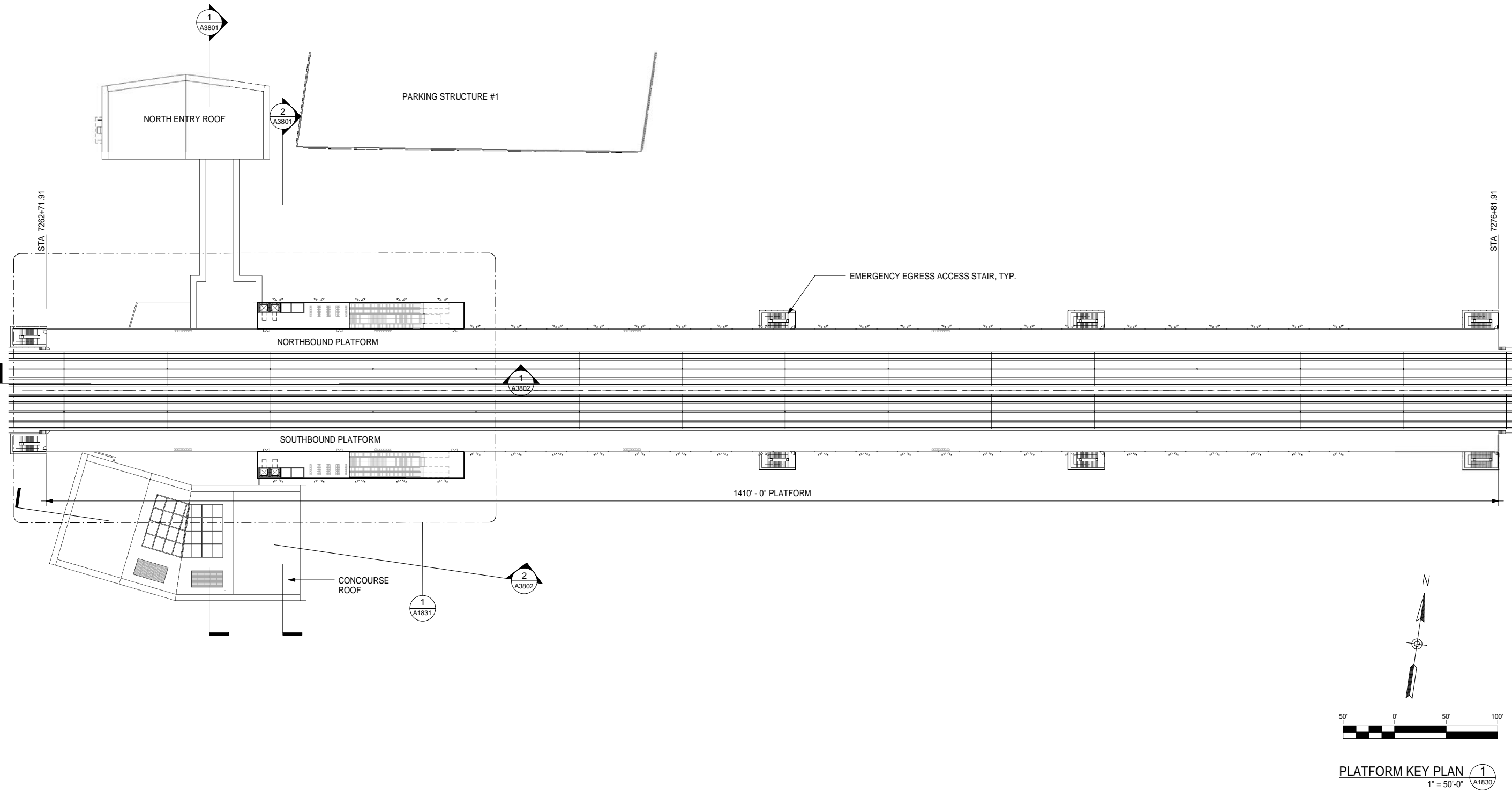


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
NORTH STATION FLOOR PLANS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1812
SCALE
1/16" = 1'-0"
SHEET NO.
5 OF 15

GENERAL NOTES

KEY NOTES



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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 BAKERSFIELD URBAN SUBSECTION
 ALIGNMENT B3
 BAKERSFIELD STATION - (B3) HYBRID
PLATFORM KEY PLAN

CONTRACT NO.
HSR 06-0003

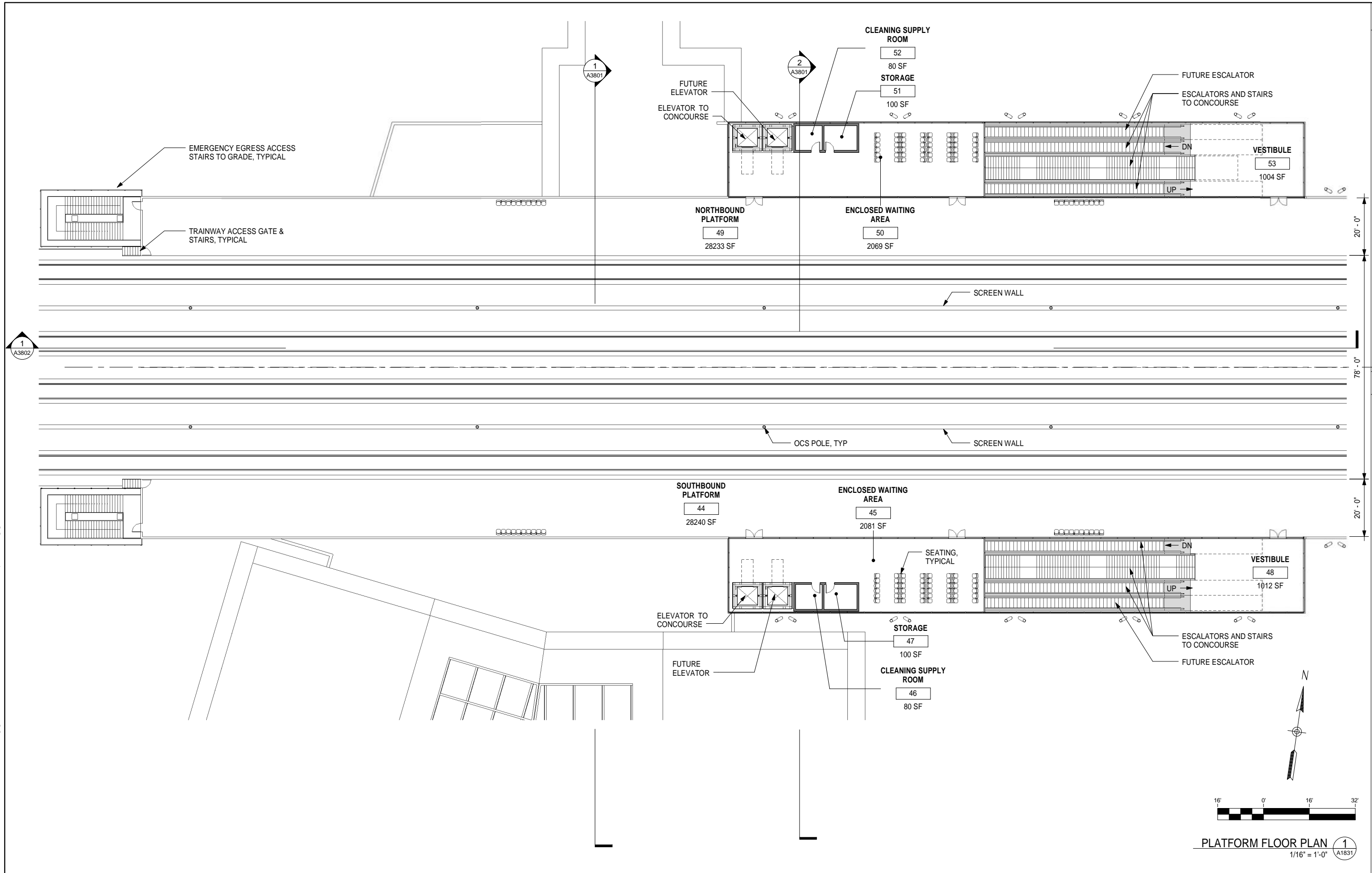
DRAWING NO.
A1830

SCALE
1" = 50'-0"

SHEET NO.
6 OF 15

GENERAL NOTES

KEY NOTES



PLATFORM FLOOR PLAN 1
1/16" = 1'-0" A1831

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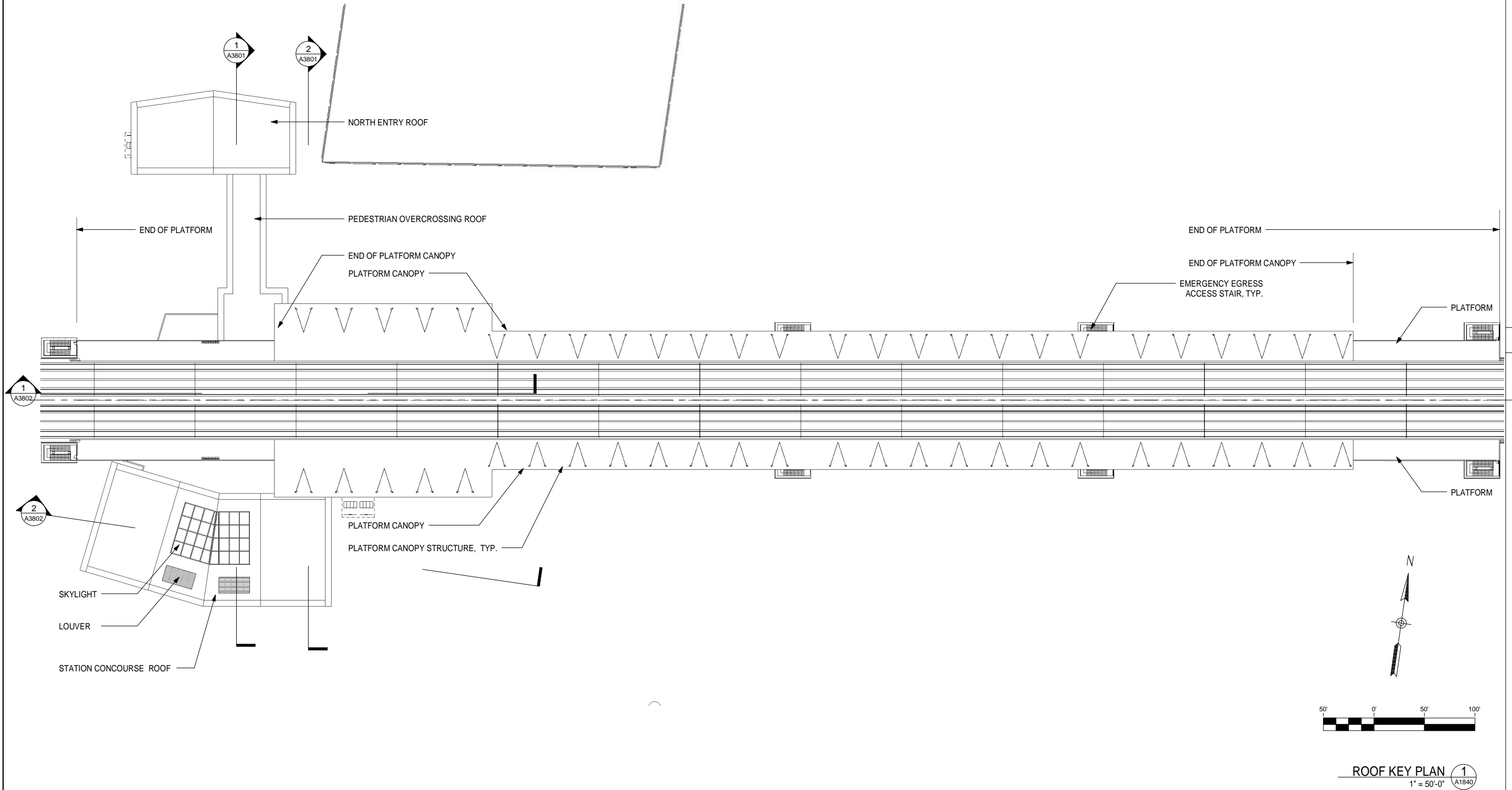
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
PLATFORM FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1831
SCALE
1/16" = 1'-0"
SHEET NO.
7 OF 15



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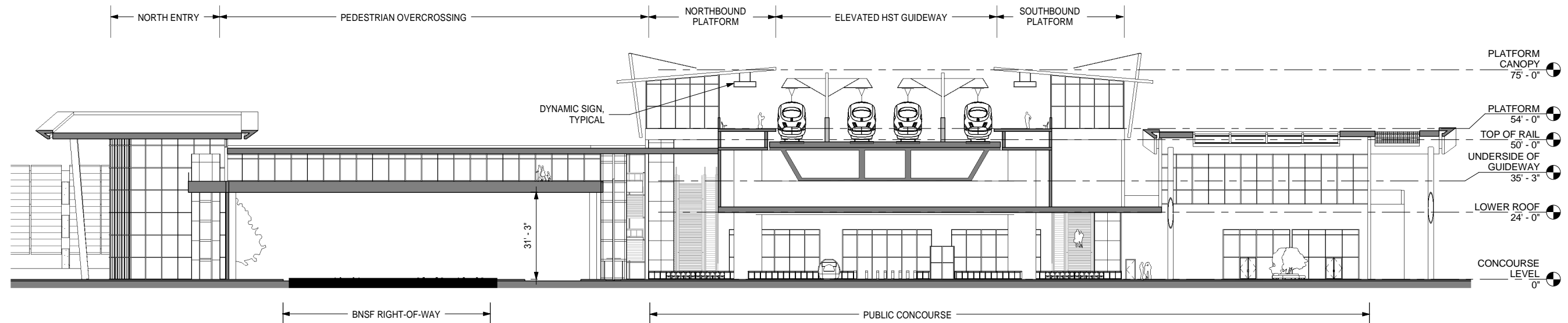
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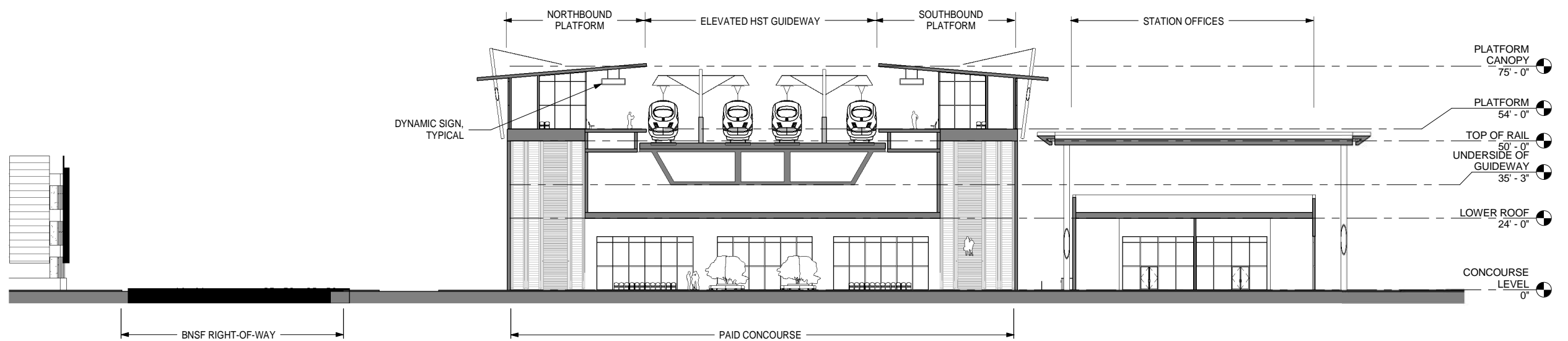


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
ROOF KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1840
SCALE
1" = 50'-0"
SHEET NO.
8 OF 15



TRANSVERSE SECTION AT FREE CONCOURSE 1
1" = 20'-0" A3801



TRANSVERSE SECTION AT PAID CONCOURSE 2
1" = 20'-0" A3801



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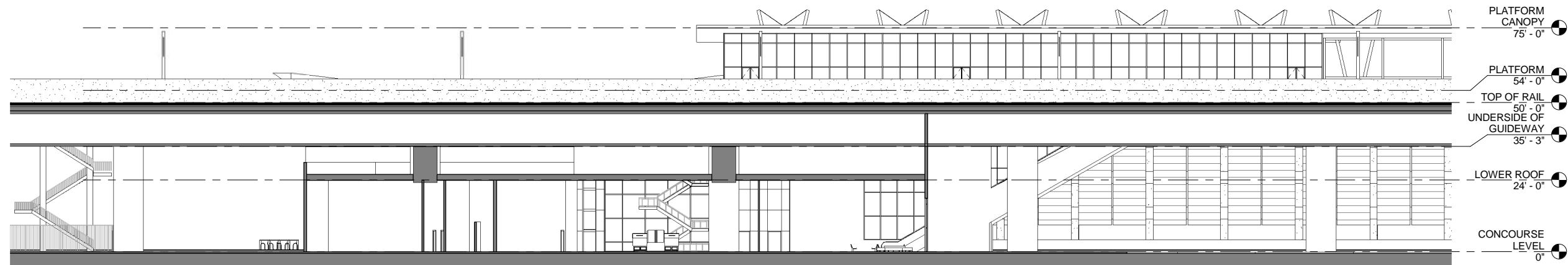


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BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
BUILDING SECTIONS

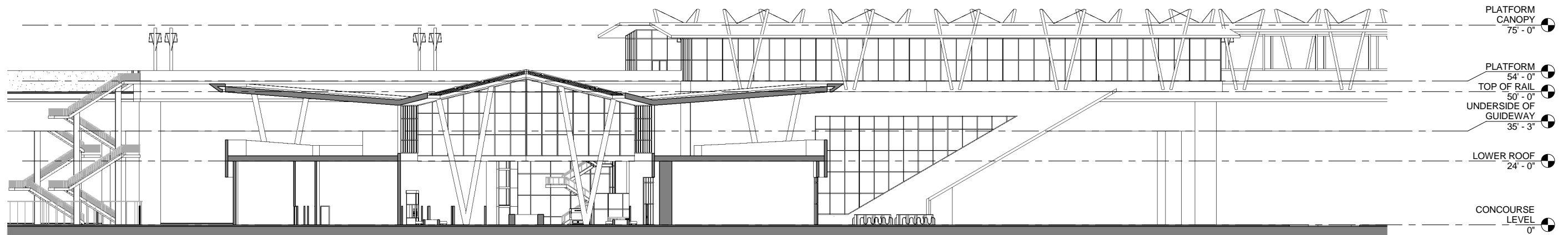
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A3801
SCALE
1" = 20'-0"
SHEET NO.
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LONGITUDINAL SECTION AT PAID CONCOURSE 1
A3802
1" = 20'-0"



LONGITUDINAL SECTION AT FREE CONCOURSE 2
A3802
1" = 20'-0"



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FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
BUILDING SECTIONS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3802
SCALE
1" = 20'-0"
SHEET NO.
10 OF 15

ROOM SCHEDULE

No.	ROOM NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2. REFERENCE	COMMENTS
1	FREE CONCOURSE	19145 SF		Table 6-2 *	6.3.2	7,546 SF waiting area plus required circulation area
2	FUTURE CONCESSION	2393 SF	3000 SF	Table 6-3	6.3.5	
3	FUTURE CONCESSION	2424 SF	3000 SF	Table 6-3	6.3.5	
4	PASSENGER SERVICE BOOTH	138 SF			6.6.2.3	
5	PAID CONCOURSE	14429 SF		Table 6-2 *	6.3.3	6,286 SF waiting area plus required circulation area
6	CLEANING SUPPLY ROOM	83 SF	80 SF		6.6.4.2	
7	CASH/TICKET	322 SF	260 SF		6.6.3.8	
8	TICKET ADMIN	274 SF	160 SF		6.6.3.7	
9	TICKET SALES	327 SF	225 SF	75 SF per window	6.6.2.2	Three windows
10	POLICE OFFICE	171 SF	160 SF		6.6.2.6	
11	STATION ADMIN OFFICE	541 SF	500 SF	100 SF per assigned staff	6.6.3.2	
12	LOST&FOUND	98 SF	80 SF		6.6.2.5	
13	TRANSPORTATION AGENCY OFFICE	300 SF			6.6.3.16	
14	BREAK ROOM	250 SF	200 SF		6.6.3.12	
15	TRAINING AND MEETING ROOM	323 SF	200 SF		6.6.3.4	
16	MISC ROOMS	323 SF	300 SF		6.6.4.5	
17	FACILITY MAINTENANCE OFFICE	371 SF	330 SF		6.6.3.10	
18	SECURITY OFFICE	190 SF	160 SF		6.6.3.9	
19	STATION MANAGER'S OFFICE	345 SF	270 SF		6.6.3.3	
20	ENVIRONMENTAL CONTROL ROOMS	594 SF	0 SF		6.6.6.1	
21	ELEVATOR MACHINE ROOM	218 SF	80 SF		6.5.3.6	
22	THIRD PARTY COMMUNICATIONS ROOM	204 SF				
23	COMMUNICATIONS BATTERY ROOM	176 SF	160 SF		6.6.7.1	
24	ELECTRICAL	456 SF	450 SF		6.6.6.2	
25	LV BATTERY	258 SF	200 SF		6.6.6.2	
26	STATION CONTROL ROOM	1169 SF	1100 SF		6.6.3.5	
27	TRAIN CONTROL & COMMUNICATIONS ROOM	1296 SF	1280 SF		6.6.7.1	
28	STATION COMPUTER ROOM	564 SF	500 SF		6.6.3.6	
29	HST BATTERY ROOM	162 SF	160 SF		6.6.7.2	
30	REFUSE	198 SF	150 SF		6.6.4.1	
31	LANDSCAPE MAINTENANCE STORAGE	384 SF		Exterior access required	6.6.4.4	
32	FIRE PROTECTION	189 SF			6.6.6.3	
33	ELEVATOR MACHINE ROOM	247 SF	80 SF		6.5.3.6	
34	ELECTRICAL	457 SF	450 SF		6.6.6.2	
35	STORAGE	180 SF	150 SF		6.6.4.3	
36	ELECTRICAL SWITCH ROOM	160 SF	160 SF		6.6.7.2	
37	PLUMBING	174 SF			6.6.6.4	
38	WOMEN'S RESTROOM	449 SF		Size per code	6.3.4	
39	MEN'S RESTROOM	449 SF		Size per code	6.3.4	
40	CORRIDOR	2368 SF				
41	NORTH ENTRY	5391 SF		Table 6-2 *	6.3.2	
42	ELEVATOR MACHINE ROOM	116 SF	80 SF		6.5.3.6	
43	PEDESTRIAN OVERCROSSING	9021 SF				
44	SOUTHBOUND PLATFORM	28240 SF		25 SF min per boarding passenger *	6.4.2	
45	ENCLOSED WAITING AREA	2081 SF		Table 6-2 *	6.3.3.2	
46	CLEANING SUPPLY ROOM	80 SF	80 SF		6.6.4.2	
47	STORAGE	100 SF	100 SF		6.6.4.3	
48	VESTIBULE	1012 SF		Table 6-2 *	6.5.1.4	
49	NORTHBOUND PLATFORM	28233 SF		25 SF min per boarding passenger *	6.4.2	
50	ENCLOSED WAITING AREA	2069 SF		Table 6-2 *	6.3.3.2	
51	STORAGE	100 SF	100 SF		6.6.4.3	
52	CLEANING SUPPLY ROOM	80 SF	80 SF		6.6.4.2	
53	VESTIBULE	1004 SF		Table 6-2 *	6.5.1.4	

* STATION PUBLIC AREAS AND VERTICAL CIRCULATION ARE SIZED FOR PEAK PASSENGER FORCAST FOR FULL BUILD OUT (2035) AT 50% AIR FARES AS PROVIDED IN STATION AREA PARKING GUIDANCE TECHNICAL MEMORANDUM REV 4, DATED 6/20/2011

PEAK CUMULATIVE DAILY BOARDINGS OF 9,200 PASSENGERS

PEAK HOUR BOARDINGS (P60B) OF 1,380 PASSENGERS

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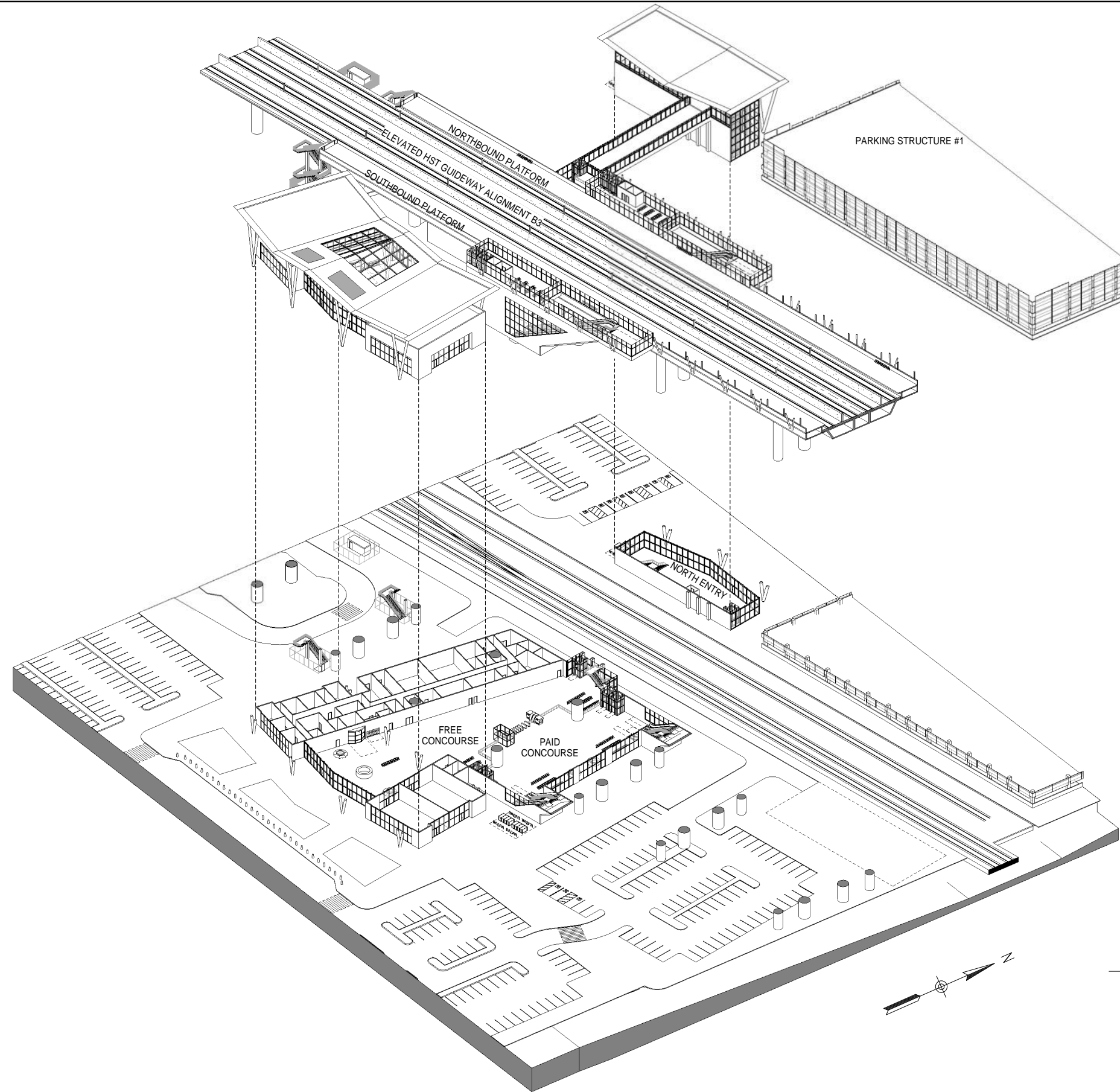


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
ROOM SCHEDULE

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A6801
SCALE	
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GENERAL NOTES

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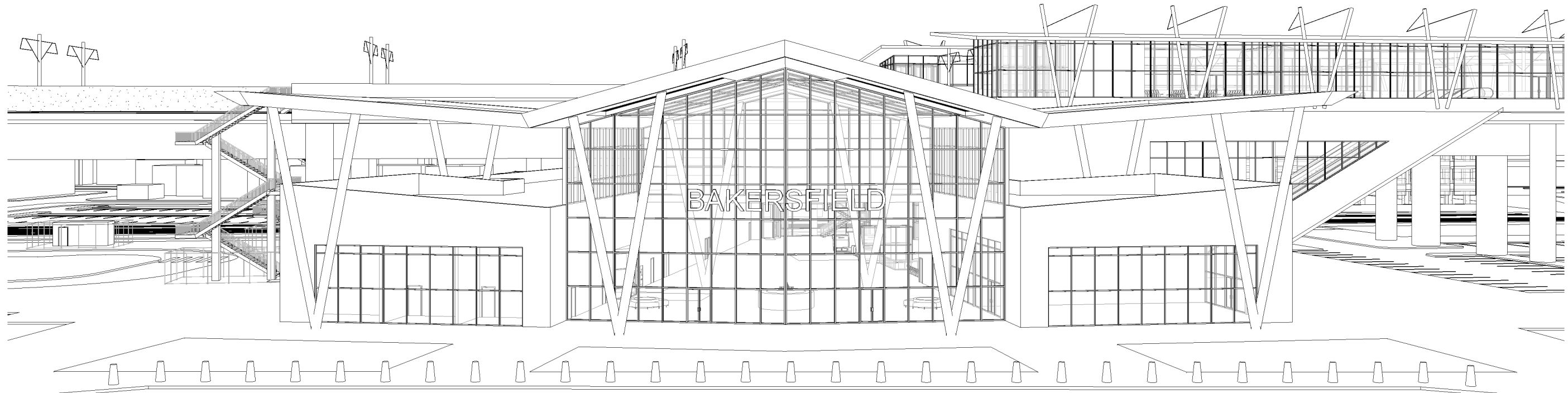
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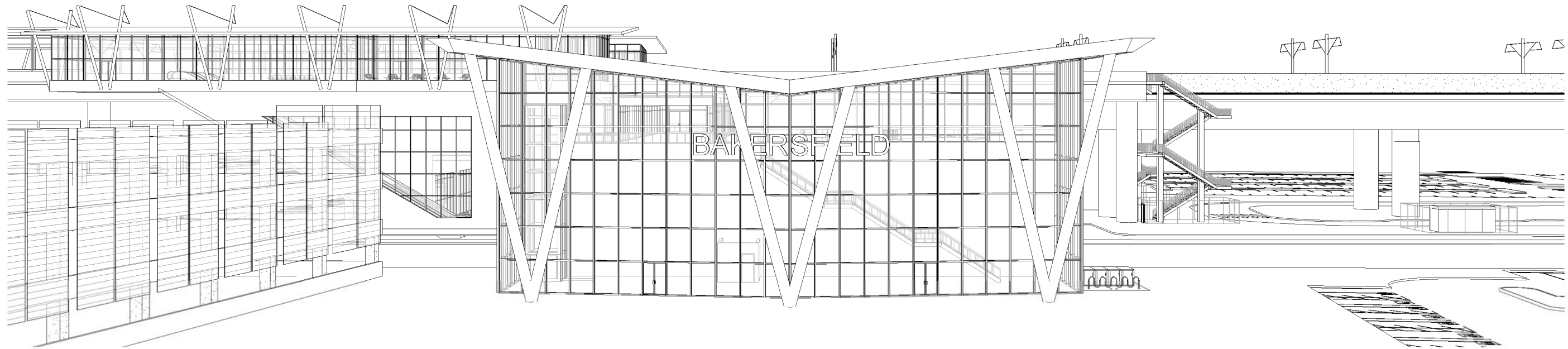
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FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
AXONOMETRIC VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9801
SCALE
SHEET NO.
12 OF 15

GENERAL NOTES



3D ELEVATION VIEW - SOUTH 1
A9802



3D ELEVATION VIEW - NORTH 2
A9802

KEY NOTES

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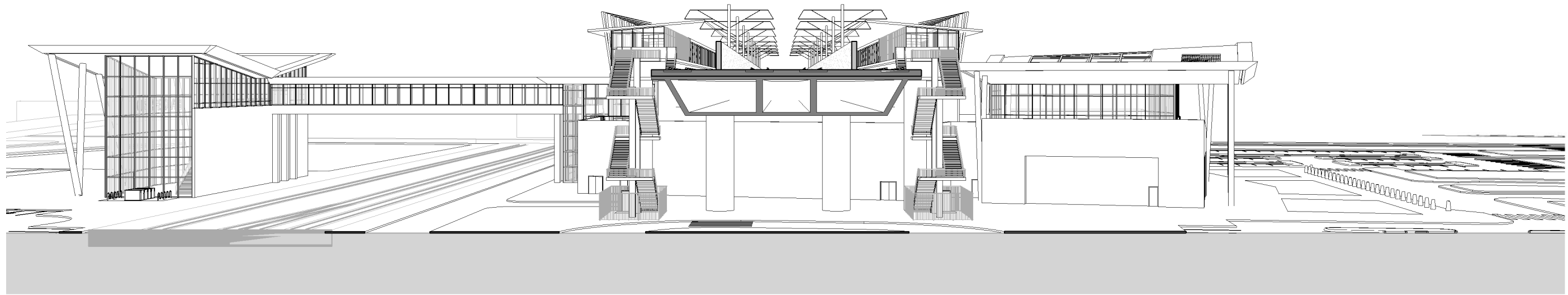
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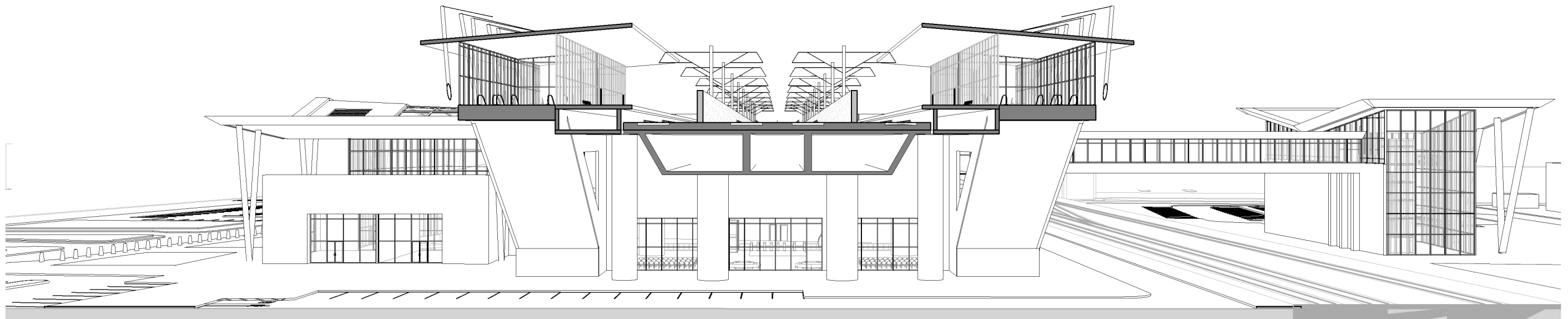


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9802
SCALE
SHEET NO.
13 OF 15



3D ELEVATION VIEW - WEST 1
A9803



3D ELEVATION VIEW - EAST 2
A9803

C:\Users\kingfg\Documents\Bakersfield_B3_HST_Station_Option_kingfg.rvt

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. NAOR
DRAWN BY
D. BACKMAN
CHECKED BY
F. KING
IN CHARGE
E. NAOR
DATE
12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

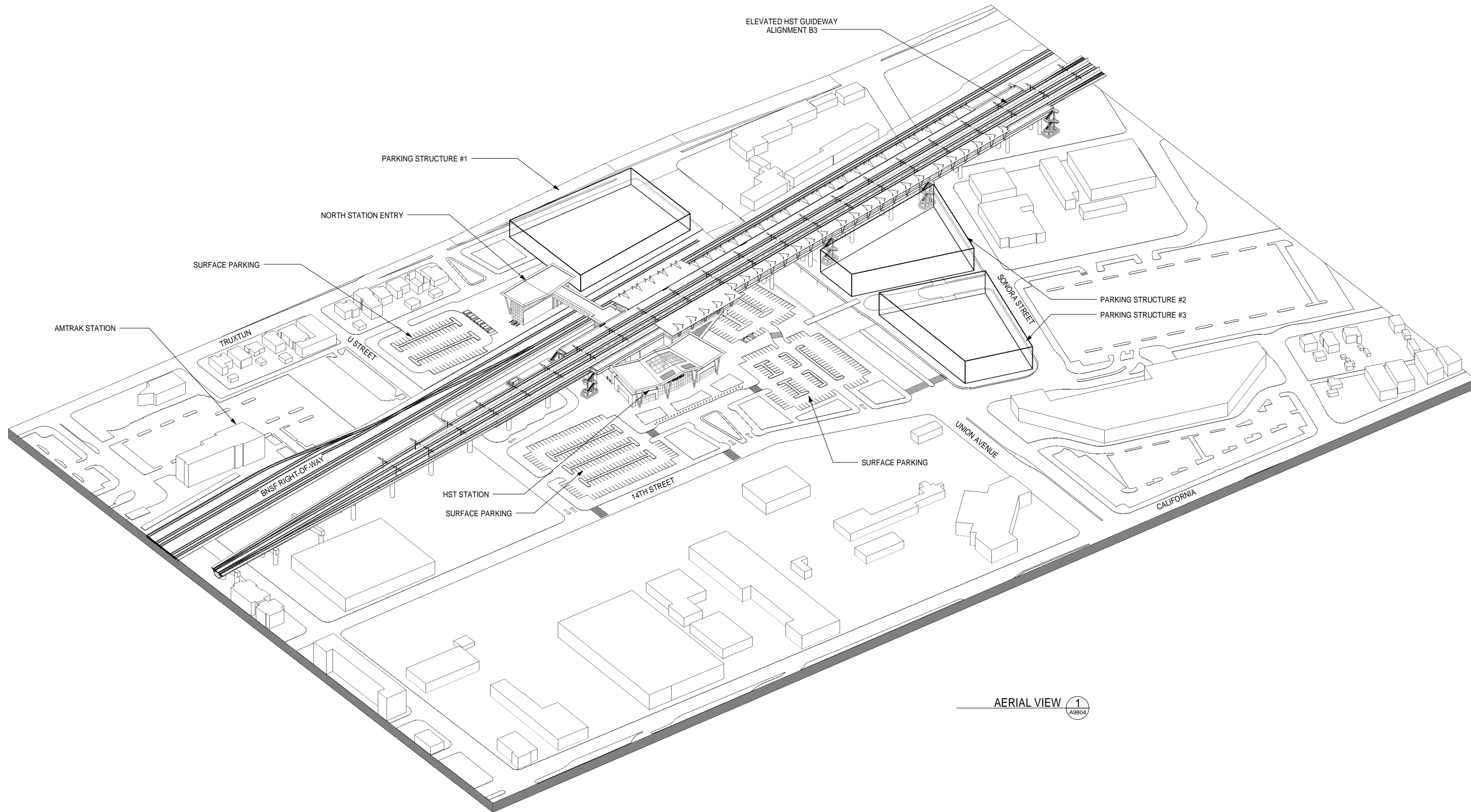


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9803
SCALE
SHEET NO.
14 OF 15

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AERIAL VIEW 1
A9804

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. NAOR
DRAWN BY
D. BACKMAN
CHECKED BY
F. KING
IN CHARGE
E. NAOR
DATE
12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
AERIAL VIEW

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9804
SCALE
SHEET NO.
15 OF 15