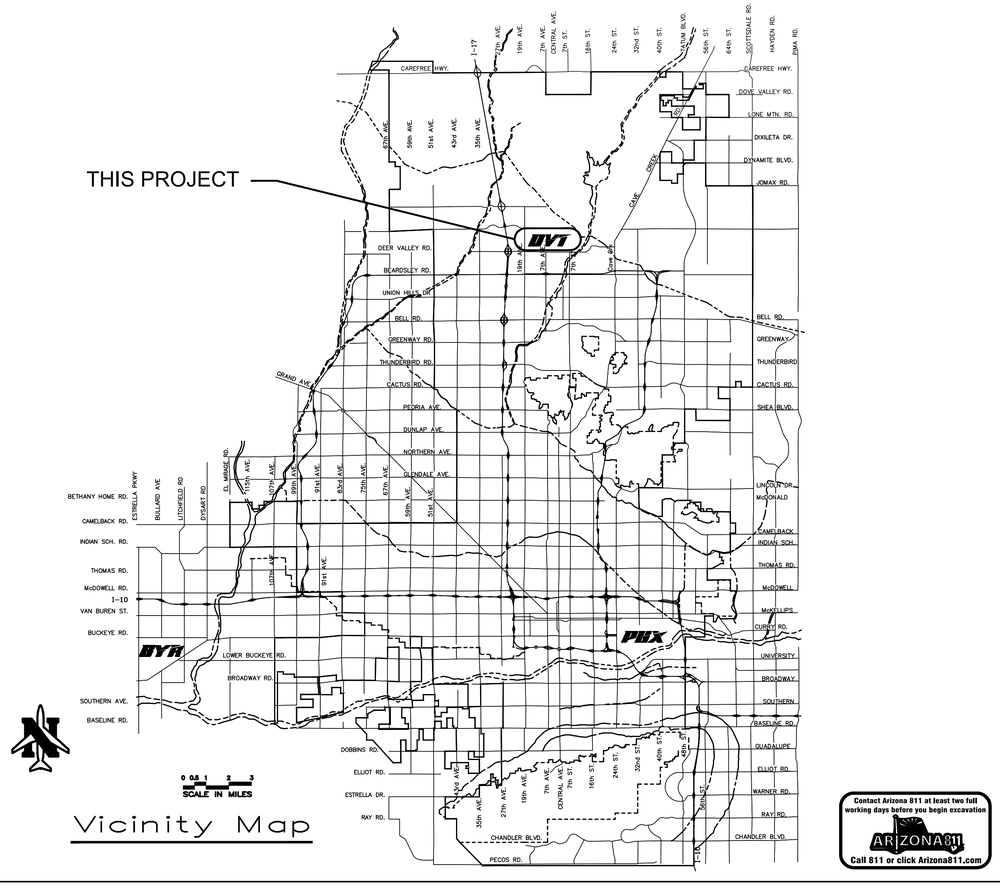
CITY OF PHOENIX

AVIATION DEPARTMENT

DESIGN & CONSTRUCTION SERVICES

PROJECT NAME	**DVT RELOCATE TAXIWAY B & CONSTRUCT CONNECTORS B6/B9 - GMP 4**
ADDRESS	**702 WEST DEER VALLEY DRIVE, PHOENIX, AZ 85027**
PROJECT NUMBERS	**AV31000092 FAA**
FAA AIP NUMBER	**3-04-0028-XXX-TBD**



Vicinity Map

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VICE MAYOR
KESHA HODGE WASHINGTON

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AV31000092 FAA GMP 4 - 90% PRELIMINARY

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CITY OF PHOENIX AVIATION DEPARTMENT

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161	EA-702	EXISTING AIRFIELD LIGHTING VAULT MODIFIED PANEL HD SCHEDULE

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: NTS

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE
SHEET INDEX

SHEET REFERENCE NUMBER:
GI-002

SHEET 02 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMPs\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-GI-002-GMP4.dwg - Feb 27,2026 11:16am

APPROXIMATE QUANTITY SUMMARY

LINE NO.	ITEM NO.	DESCRIPTION	UNIT	APPROXIMATE QUANITY
1	SP-30.1	CONSTRUCTION SURVEY LAYOUT	LS	1
2	SP-31.1	MISCELLANEOUS REMOVALS AND OTHER WORK (ALLOWANCE)	ALLOWANCE	1
3	SP-33.1	CONSTRUCT CONCRETE CAP ON EXISTING CATCH BASIN	EA	1
4	SP-34.1	UNFORESEEN UTILITY LOCATING (ALLOWANCE)	ALLOWANCE	1
5	SP-35.1	EXISTING UTILITY RELOCATIONS (ALLOWANCE)	ALLOWANCE	1
6	SP-37.1	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION	SY	86,005
7	SP-38.1	HAUL AND PLACE CRUSHED AGGREGATE SLOPE PROTECTION	SY	88,400
8	SP-40.1	OVER EXCAVATION OF UNSUITABLE MATERIALS AND BACKFILL WITH SELECT MATERIAL (ALLOWANCE)	CY	1,000
9	SP-41-8.1	AIRPORT SAFETY AND SECURITY	LS	1
10	SP-42.-5.1	LOCATION OF UNDERGROUND UTILITIES (U-200)	LS	1
11	SP-43.1	APPLY HERBICIDE AND PRE-EMERGENT	SY	88,400
12	C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	LS	1
13	C-102-6.1	STORMWATER POLLUTION PREVENTION	LS	1
14	C-105	MOBILIZATION (MAXIMUM 4%)	LS	1
15	P-101-5.1a	REMOVE EXISTING ASPHALT CONCRETE PAVEMENT FULL DEPTH (UP TO 11")	SY	17,281
16	P-101-5.1b	REMOVE EXISTING ASPHALT CONCRETE PAVEMENT FULL DEPTH (UP TO 2")	SY	7,045
17	P-101-5.1c	REMOVE EXISTING CATCH BASIN	EA	2
18	P-101-5.1d	REMOVE EXISTING 18" STORM DRAIN PIPE	LF	52
19	P-101-5.1e	REMOVE EXISTING 24" STORM DRAIN PIPE	LF	116
20	P-101-5.1f	CUT AND PLUG EXISTING STORM DRAIN PER MAG STD DTL 427	EA	1
21	P-151-4.1	CLEARING AND GRUBBING	LS	1
22	P-152-4.1	UNCLASSIFIED EXCAVATION	CY	7,000
23	P-152-4.2	EMBANKMENT IN PLACE	CY	16,000
24	P-155-8.1	LIME-TREATED SUBGRADE (12", 5.5%)	SY	22,826
25	P-209-5.1	CRUSHED AGGREGATE BASE COURSE (8")	SY	21,287
26	P-401-8.1	ASPHALT SURFACE COURSE	TON	5,578
27	P-603-5.1	EMULSIFIED ASPHALT TACK COAT	TON	6
28	P-620-5.1a	SURFACE PREPARATION OF PAVEMENT TO REMOVE EXISTING MARKINGS	SF	674
29	P-620-5.2b.1	YELLOW PAVEMENT MARKING	SF	11,515
30	P-620-5.2b.2	WHITE PAVEMENT MARKING	SF	870
31	P-620-5.2b.3	RED PAVEMENT MARKING	SF	423
32	P-620-5.2b.4	BLACK PAVEMENT MARKING	SF	3,254
33	P-620-5.3c	REFLECTIVE MEDIA	LS	1
34	P-620-5.4d	TEMPORARY RUNWAY AND TAXIWAY MARKING	LS	1
35	D-701-5.1a	24 INCH RGRCP, CLASS V	LF	533
36	D-705-5.4	4 INCH HDPE UNDERDRAIN PIPE COMPLETE (INCLUDING POROUS BACKFILL AND FILTER FABRIC)	LF	80
37	D-751-5.1a	CONSTRUCT TRIPLE CATCH BASIN PER COP STD DTL P1570, WITH CONCRETE APRON PER ADOT DETAIL C-15.80	EA	2
38	D-751-5.1b	CONSTRUCT DOUBLE CATCH BASIN PER MAG STD DTL 538, WITH CONCRETE APRON PER ADOT DETAIL C-15.80	EA	2
39	D-751-5.1c	CONSTRUCT STORM DRAIN MANHOLE PER COP STD DTL P1520 AND MAG DETAIL 522	EA	2
40	L-100-5.1	REMOVE AND SALVAGE EXISTING TAXIWAY / RUNWAY EDGE LIGHT AND ISOLATION TRANSFORMER, REMOVE EXISTING BASE CAN	EA	45
41	L-100-5.2	REMOVE AND SALVAGE EXISTING RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER, REMOVE EXISTING BASE CAN	EA	6
42	L-100-5.3	REMOVE AND SALVAGE EXISTING RUNWAY / TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER, EXISTING BASE CAN TO REMAIN, INSTALL TEMP BLANK STEEL COVER	EA	2
43	L-100-5.4	REMOVE EXISTING JUNCTION CAN / PULL BOX	EA	12
44	L-100-5.5	EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR	LF	9,670
45	L-100-5.6	REMOVE EXISTING CONDUCTOR, CONDUIT TO REMAIN	LF	17,505
46	L-100-5.7	EXCAVATE AND REMOVE EXISTING CONCRETE ENCASED DUCTBANK	LF	1,065
47	L-100-5.8	REMOVE AND SALVAGE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER, REMOVE CONCRETE SIGN BASE	EA	10
48	L-100-5.9	EXCAVATE AND REMOVE EXISTING CONCRETE HAND HOLE	EA	4
49	L-100-5.12	TEMPORARY AIRFIELD LIGHTING CIRCUIT JUMPERS	LS	1
50	L-100-5.13	REMOVE AND SALVAGE STEEL BLANK COVER, REMOVE EXISTING BASE CAN	EA	28
51	L-100-5.14	REMOVE SIGN PANELS FROM EXISTING SIGN	EA	3
52	L-100-5.15	REMOVE AND SALVAGE EXISTING RETROREFLECTIVE TAXIWAY EDGE MARKER	EA	4
53	L-100-5.16	REMOVE EXISTING CONCRETE FOUNDATION	EA	2
54	L-100-5.17	DISCONNECT AND REMOVE EXISTING CCR	EA	2
55	L-100-5.18	REMOVE EXISTING AND INSTALL NEW CCR CIRCUIT BREAKER FROM EXISTING PANEL	EA	1
56	L-100-5.19	NEW 10KW L-829 FERRORESONANT CCR WITH INTEGRATED DIGITAL CONTROL / MONITORING UNIT INSTALLED AND TESTED	EA	1
57	L-100-5.20	NEW 15KW L-829 FERRORESONANT CCR WITH INTEGRATED DIGITAL CONTROL / MONITORING UNIT INSTALLED AND TESTED	EA	1

APPROXIMATE QUANTITY SUMMARY

LINE NO.	ITEM NO.	DESCRIPTION	UNIT	APPROXIMATE QUANITY
58	L-107-5.1	NEW L-807(L) LED, SIZE 2 PRIMARY WIND CONE WITH OBSTRUCTION LIGHT ON NEW CONCRETE FOUNDATION	EA	1
59	L-107-5.2	SEGMENTED CIRCLE MARKER SYSTEM, IN PLACE	EA	1
60	L-107-5.3	REMOVE EXISTING PRIMARY WIND CONE AND CONCRETE FOUNDATION	EA	1
61	L-108-5.1	L-824, TYPE C, 1/C #8 AWG, 5KV CABLE, #6 GROUND	LF	8,535
62	L-108-5.2	L-824, TYPE C, 2/C #8 AWG, 5KV CABLE, #6 GROUND	LF	29,325
63	L-110-5.1	SINGLE-WAY, (1) - 2" CONDUIT, DIRECT BURIED (TEMPORARY CIRCUIT JUMPER SLEEVE)	LF	460
64	L-110-5.2	SINGLE-WAY, (1) - 2" CONDUIT, SLURRY ENCASED	LF	9,985
65	L-110-5.3	SINGLE-WAY, (1) - 2" CONDUIT, CONCRETE ENCASED	LF	325
66	L-110-5.4	MULTIPLE-WAY, (4) - 2" CONDUIT, SLURRY ENCASED	LF	2,080
67	L-110-5.5	MULTIPLE-WAY, (4) - 2" CONDUIT, CONCRETE ENCASED	LF	140
68	L-110-5.6	MULTIPLE-WAY, (6) - 2" CONDUIT, SLURRY ENCASED	LF	3,275
69	L-110-5.7	MULTIPLE-WAY, (6) - 2" CONDUIT, CONCRETE ENCASED	LF	485
70	L-110-5.16	MULTIPLE-WAY, (2) - 4" CONDUIT, SLURRY ENCASED	LF	45
71	L-110-5.17	MULTIPLE-WAY, (2) - 4" CONDUIT, CONCRETE ENCASED	LF	135
72	L-115-5.1	NEW HAND HOLE, PREFABRICATED CONCRETE 4'X4'X4' WITH AIRCRAFT RATED LID, FURNISHED AND INSTALLED	EA	13
73	L-115-5.4	PROVIDE AND INSTALL RGL ISOLATION BOXES AND CONDUITS IN NEW OR EXISTING CONCRETE HAND HOLE	EA	24
74	L-115-5.5	NEW L-867B LIGHT BASE / JUNCTION CAN WITH STEEL BLANK COVER	EA	2
75	L-115-5.6	NEW L-867D JUNCTION CAN WITH STEEL BLANK COVER	EA	1
76	L-115-5.7	NEW GROUNDING BUSS BAR INSTALLED IN NEW HAND HOLE	EA	13
77	L-125-5.1	NEW L-804(L) LED ELEVATED RGL WITH ON/OFF SWITCH AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN	EA	8
78	L-125-5.4	NEW L-858(L) SIZE 1, STYLE 2, 2-MODULE, AIRFIELD GUIDANCE SIGN, ON NEW CONCRETE SIGN BASE W/ ASPHALT MAINTENANCE PAD	EA	7
79	L-125-5.5	NEW L-858(L) SIZE 2, STYLE 2, 2-MODULE, AIRFIELD GUIDANCE SIGN, ON NEW CONCRETE SIGN BASE W/ ASPHALT MAINTENANCE PAD	EA	1
80	L-125-5.6	NEW L-858(L) SIZE 1, STYLE 2, 3-MODULE, AIRFIELD GUIDANCE SIGN, ON NEW CONCRETE SIGN BASE W/ ASPHALT MAINTENANCE PAD	EA	10
81	L-125-5.7	NEW L-858(L) SIZE 1, STYLE 2, 4-MODULE, AIRFIELD GUIDANCE SIGN, ON NEW CONCRETE SIGN BASE W/ ASPHALT MAINTENANCE PAD	EA	4
82	L-125-5.9	INSTALL NEW SIZE 1 SIGN PANELS AND TEMPORARY BLANK PANELS IN EXISTING SIGNS	EA	3
83	L-125-5.10	NEW ELEVATED L-861T(L) LED TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN	EA	128
84	L-125-5.12	SALVAGED RUNWAY EDGE LIGHT WITH NEW 30/45 WATT ISOLATION TRANSFORMER ON EXISTING L-867 BASE CAN	EA	1
85	L-125-5.13	NEW L-861T(L) LED TAXIWAY EDGE LIGHT W/ STEMS, FRANGIBLE COUPLINGS AND ISOLATION TRANSFORMERS (SPARES)	EA	13
86	L-125-5.14	NEW ELEVATED L-861T(L) LED TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON EXISTING L-867 BASE CAN	EA	4

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RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: NTS

AIP NO.:
3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

QUANTITY SUMMARY

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GI-003

SHEET 03 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\PLANS\241104_07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-GI-003-GMP4.dwg - Feb 27,2026 12:23pm

LEGEND

DESCRIPTION	EXISTING	PROPOSED
CONCRETE SIGN BASE		
TAXIWAY EDGE LIGHT		
ELECTRICAL CAN COVER		
RUNWAY GUARD LIGHT		
SANITARY SEWER AND MANHOLE	S SS$_X$	S SS
STORM DRAIN, MANHOLE & INLET	SD	
RUNWAY/TAXIWAY CENTERLINE		
CHAIN LINK FENCE	X	X
MAJOR CONTOUR LINES	1125	1125
MINOR CONTOUR LINES		
FIBER OPTIC	FO	FO
GRADE BREAK		
FLOW LINE		
APS MANHOLE		APS
MONITORING WELL	MW	MW
WATER LINE	W$_X$	W
COMMUNICATION	CU$_X$	CU
GAS LINE	G$_X$	G
FAA		
ELECTRICAL	EU$_X$	EU
RUNWAY SAFETY AREA	RSA	RSA
TAXIWAY SAFETY AREA	TSA	TSA
RUNWAY PROTECTION ZONE		RPZ
TAXIWAY OBJECT FREE AREA		TOFA
RUNWAY OBJECT FREE AREA		ROFA
RUNWAY OBSTACLE FREE ZONE		ROFZ
PROTECT IN PLACE NOTE		1
ADJUSTMENT OR REMOVAL NOTE		1
CONSTRUCTION NOTE		1
SWPPP NOTE		1
PAVEMENT MARKING NOTE		1
SPOT ELEVATION	XX.XX	XX.XX
SPOT ELEVATION–CATCH BASIN GRATE		XX.XXG
SAWCUT FULL DEPTH		S
RUNWAY THRESHOLD LIGHT		
RUNWAY EDGE LIGHT		
FLUSH RUNWAY/TAXIWAY LIGHT		
RUNWAY END IDENTIFIER LIGHT		
SIGN		
LIGHT		
DUCT MARKER		
WIND SOCK		

ABBREVIATIONS

ABBREVIATIONS	DEFINITIONS
#	REBAR SIZE NUMBER
@	AT
7L/25R	RUNWAY DESIGNATION
ABC	AGGREGATE BASE COURSE
AC	ASPHALTIC CONCRETE
ADEQ	ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
ADG	AIRPLANE DESIGN GROUP
ADOT	ARIZONA DEPARTMENT OF TRANSPORTATION
ARFF	AIRCRAFT RESCUE AND FIRE FIGHTING
AIP	AIRPORT IMPROVEMENT PROGRAM
ALT	ALTERNATE
AOA	AIR OPERATIONS AREA
APPROX	APPROXIMATE
APS	ARIZONA PUBLIC SERVICE
ATCT	AIR TRAFFIC CONTROL TOWER
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
BC	BEGIN CURVE
BOT	BOTTOM
BVC	BEGIN VERTICAL CURB
CL OR ℄	CENTER LINE
C TO C	CENTER TO CENTER
CFS	CUBIC FEET PER SECOND
C.I.	CONTOUR INTERVAL
CMP	CORRUGATED METAL PIPE
COP	CITY OF PHOENIX
CPM	CRITICAL PATH METHOD
CTB	CEMENT TREATED BASE
CONC	CONCRETE
CONST	CONSTRUCTION
CLSM	CONTROLLED LOW STRENGTH MATERIAL
CPM	CRITICAL PATH METHOD
CF OR CU FT	CUBIC FEET
CY	CUBIC YARDS
CZ	CLEAR ZONE
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
D_{50}	DIAMETER OF 50% ROCK SIZE
DVT	DEER VALLEY AIRPORT
E	EAST OR EASTING
EA	EACH
ELEC	ELEC/ELECTRICAL
EL OR ELEV	ELEVATION
ESMT	EASEMENT
EVC	END VERTICAL CURVE
EX OR EXST	EXISTING
FAA	FEDERAL AVIATION ADMINISTRATION
FIN	FINISHED
FL OR ℄	FLOW LINE
FT	FOOT
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
HP	HIGH POINT
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
ILS	INSTRUMENT LANDING SYSTEM
JB	JUNCTION BOX
KV	KILOVOLT
L	LENGTH OR LEFT
LBS	POUNDS
LF	LINEAL FOOT
LS	LUMP SUM
LT	LEFT

ABBREVIATIONS

ABBREVIATIONS	DEFINITIONS
LTB	LIME TREATED BASE
MAG	MARICOPA ASSOCIATION OF GOVERNMENTS
MAX	MAXIMUM
ME	MATCH EXISTING
MH	MANHOLE
MIN	MINIMUM
N	NORTH OR NORTHING
NAVD	NORTH AMERICAN VERTICAL DATUM
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NOTAM	NOTICE TO AIRMAN
NO.	NUMBER
N.O.I.	NOTICE OF INTENT
N.O.T.	NOTICE OF TERMINATION
NPI	NON–PAY–ITEM
NTS	NOT TO SCALE
N/A	NON APPLICABLE
PVI	POINT OF VERTICAL INTERSECTION
OC	ON CENTER
OD	OUTSIDE DIAMETER
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PCCP	PORTLAND CEMENT CONCRETE PAVEMENT
PETRO	PETROLEUM
PI	POINT OF INTERSECTION
PROP	PROPOSED
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
R	RADIUS OR RIGHT
RCP	REINFORCED CONCRETE PIPE
REIL	RUNWAY END IDENTIFIER LIGHT
REINF	REINFORCING
RGRCP	RUBBER GASKET REINFORCED CONCRETE PIPE
ROFA	RUNWAY OBJECT FREE AREA
ROFZ	RUNWAY OBSTACLE FREE ZONE
ROW	RIGHT–OF–WAY
RPZ	RUNWAY PROTECTION ZONE
RSA	RUNWAY SAFETY AREA
RT	RIGHT
RWY	RUNWAY
S	SOUTH OR SLOPE
SAL	SAFETY AREA LIMITS
SCHD	SCHEDULE
SD	STANDARD DETAIL OR STORM DRAIN
SECT	SECTION
SF	SQUARE FEET OR SEMI–FLUSH
SHT	SHEET
SIDA	SECURITY IDENTIFICATION DISPLAY AREA
SPECS	SPECIFICATIONS
STA	STATION
STD	STANDARD
SWPPP	STORM WATER POLLUTION PREVENTION PLAN
SY	SQUARE YARDS
T	TANGENT LENGTH
TBM	TEMPORARY BENCHMARK
TOFA	TAXIWAY OBJECT FREE AREA
TSA	TAXIWAY SAFETY AREA
TWY	TAXIWAY
TYP	TYPICAL
UG	UNDERGROUND
V OR VERT	VERTICAL
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
W	WEST OR WATER
w	WATT
WT	WEIGHT

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"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2–28, THESE PLANS ARE FOR OFFICAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX"

NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT GMP
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: NTS

AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE
LEGEND NOTES AND ABBREVIATONS

SHEET REFERENCE NUMBER:
GI-004

SHEET 04 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-GI-004-GMP4.dwg – Feb 26,2026 9:20am

GENERAL NOTES:

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL SAFETY REGULATIONS.

2. CONSTRUCTION OF THIS PROJECT SHALL BE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL AVIATION ADMINISTRATION'S (FAA) STANDARDS AND SPECIFICATIONS, ADOT STANDARDS AND SPECIFICATIONS, CITY OF PHOENIX (COP) SUPPLEMENTARY CONDITIONS, COP SUPPLEMENTS, 2020 MAG UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS. IN THE EVENT OF ANY CONFLICT BETWEEN THE CONTRACT DOCUMENTS FOR THIS PROJECT AND THE STANDARDS, THE CONTRACT DOCUMENTS FOR THIS PROJECT SHALL PREVAIL.

   CALCULATED DIMENSIONS WILL GOVERN OVER SCALED DIMENSIONS.

3. THE CONTRACTOR SHALL COMPLY WITH ALL CITY, COUNTY, AND STATE TRAFFIC REGULATIONS CONCERNING THE USE OF STREETS AND ROADWAYS FOR HAULING. ANY DAMAGE DONE TO THE ROADWAYS DUE TO THE CONTRACTOR'S EQUIPMENT OR HAULING OPERATIONS SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT NO COST TO THE OWNER.

4. THESE PLANS SHOW ITEMS TO BE CONSTRUCTED UNDER THIS CONTRACT. ACTUAL FIELD CONDITIONS, GRADES, LOCATIONS AND OTHER FEATURES MAY DIFFER FROM CONDITIONS INDICATED IN THESE DOCUMENTS.

5. HAUL ROUTES – THE LOCATION OF HAUL ROUTES ON THE AIRPORT SHALL BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL BY THE COP AVIATION DEPARTMENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE OFF–SITE HAUL ROUTES WITH THE PARTY HAVING JURISDICTION OVER THE AFFECTED ROUTE. ON–SITE HAUL ROUTES SHALL BE MAINTAINED BY THE CONTRACTOR AND SHALL BE RESTORED TO THEIR ORIGINAL CONDITION UPON COMPLETION OF BEING USED AS A HAUL ROUTE. TAXIWAY AND RUNWAY PAVEMENT CROSSINGS ALONG HAUL ROUTES SHALL BE PROTECTED. FENCING, DRAINAGE, GRADING OR OTHER WORK NECESSARY TO CONSTRUCT HAUL ROUTES ON THE AIRPORT IS THE CONTRACTOR'S RESPONSIBILITY AND MUST BE APPROVED BY THE ENGINEER AND AIRPORT PRIOR TO THE WORK. EXCESS SOILS PLACEMENT – EXCESS SOILS, EXCESS MILLED ASPHALT CONCRETE, CONCRETE, RUBBLE, AND UNSUITABLE EXCAVATION SHALL BE DISPOSED OF OFF–SITE ACCORDING TO LOCAL LAWS AND REGULATIONS. MILLED ASPHALT CONCRETE IS TO BE PLACED IN THE LOCATIONS APPROVED BY THE AIRPORT.

   COSTS ASSOCIATED WITH THE MATERIALS AND TASKS ABOVE ARE CONSIDERED INCIDENTAL TO THE CONTRACT. THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO THE COP AVIATION DEPARTMENT INDICATING THE LOCATION AND QUANTITY OF ALL MATERIAL DISPOSED OF OFF AIRPORT PROPERTY.

   ANY REMOVAL ITEMS OF VALUE ARE TO REMAIN THE PROPERTY OF THE COP UNLESS OTHERWISE INDICATED. ALL MATERIAL TO BE HAULED OFF–SITE SHALL BE SAMPLED PRIOR TO HAUL OFF. CONTRACTOR TO COORDINATE WITH COP AVIATION PLANNING AND ENVIRONMENTAL PRIOR TO START OF CONSTRUCTION.

6. SALVAGED ITEMS – ANY SALVAGED ITEMS ARE TO REMAIN THE PROPERTY OF AIRPORT.

7. NO MATERIAL SHALL BE WASTED OR STOCKPILED ON THE AIRPORT UNLESS APPROVED BY THE ENGINEER AND AIRPORT. STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT AS A RESULT OF AIRCRAFT OPERATIONS OR WIND AND IN ACCORDANCE WITH FAA ADVISORY CIRCULARS.

8. CONTRACTOR–GENERATED DEBRIS, WASTE AND LOOSE MATERIAL CAPABLE OF CAUSING DAMAGE TO AIRCRAFT LANDING GEAR, PROPELLERS AND ROTORS OR OF BEING INGESTED BY JET ENGINES SHALL NOT BE LEFT ON ACTIVE MOVEMENT AREAS. MATERIAL DROPPING WITHIN THESE AREAS SHALL BE REMOVED IMMEDIATELY AND CONTINUOUSLY BY THE CONTRACTOR DURING WORKING HOURS.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL COP PROPERTY AND SHALL LOCATE AND PROTECT CAREFULLY FROM DAMAGE OR DISTURBANCE ALL BENCHMARKS, LAND MONUMENTS AND PROPERTY MARKERS. IF DAMAGE OR INJURY TO PROPERTY DOES OCCUR DURING THE WORK, THE CONTRACTOR SHALL RESTORE, AT HIS OWN EXPENSE, SUCH PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE OR INJURY WAS DONE, BY REBUILDING OR RESTORING AS DIRECTED BY THE COP AVIATION DEPARTMENT AND THE ENGINEER.

10. THE CONTRACTOR IS ADVISED THAT OTHER CONSTRUCTION WILL BE IN PROGRESS DURING ALL OR PART OF THIS PROJECT. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE WORK OF OTHER CONTRACTORS AT THE AIRPORT.

11. EXISTING AIRPORT SURVEY MONUMENTS ARE LOCATED THROUGHOUT THE CONSTRUCTION AREA. THE CONTRACTOR SHALL AT HIS EXPENSE, HAVE A REGISTERED LAND SURVEYOR REPLACE ANY DISTURBED MONUMENT USING CITY OF PHOENIX STANDARDS. REPLACED MONUMENTS SHALL BE PLACED AT LEAST 10' BUT NOT MORE THAN 50' FROM THE ORIGINAL MONUMENT.

12. SAFETY AND SECURITY – SAFETY AND SECURITY IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE COORDINATED WITH AIRPORT OPERATIONS, COP AVIATION DEPARTMENT AND THE ENGINEER. SEE SPECIAL CONDITIONS FOR SAFETY, SECURITY, BADGE AND OPERATING REQUIREMENTS IN THE CSPP.

13. THE CONTRACTOR SHALL NOT ENTER ONTO ANY AREA OUTSIDE OF THE CONSTRUCTION LIMITS, STAGING AREA OR DESIGNATED HAUL ROUTES WITHOUT THE WRITTEN APPROVAL BY THE ENGINEER AND AIRPORT.

14. THE CONTRACTOR SHALL NOTIFY THE COP AVIATION DEPARTMENT IN WRITING, THROUGH THE ENGINEER, A MINIMUM OF SEVENTY–TWO (72) HOURS IN ADVANCE TO OBTAIN CLEARANCE FOR WORK. THE CONTRACTOR SHALL SUBMIT A CPM SCHEDULE FOR APPROVAL AT THE PRE–CONSTRUCTION CONFERENCE.

15. THE OWNER RESERVES THE RIGHT TO MAKE REVISIONS TO THE FINISHED ELEVATIONS AND GRADIENTS. IF CHANGES ARE NECESSARY, THE OWNER WILL FURNISH A REVISED GRADING OR PAVING PLAN. UNIT PRICES SHALL GOVERN FOR REVISED QUANTITIES.

16. SPECIFICATIONS ARE PROVIDED WHICH REQUIRE THE CONTRACTOR TO APPLY WATER, CHEMICALS, VEGETATION OR OTHER MATERIALS TO PREVENT THE OCCURRENCE OF DUST WHICH IS OBJECTIONABLE TO THE OPERATIONS OR USERS OF THE AREA. THESE SHALL INCLUDE BUT NOT BE LIMITED TO AIRPORT AUTHORITY OPERATIONS, MAINTENANCE, AIRCRAFT OPERATIONS, AND AIRFIELD OPERATIONS, AND LAND SIDE OPERATIONS. THE CONTRACTOR SHALL ALSO DISCONTINUE OPERATIONS, WHICH VIOLATE EXISTING LAWS AND REGULATIONS OR CREATE A UNIQUE HAZARD TO AIR TRAFFIC. ALL COST FOR CONTROLLING DUST OR POLLUTANTS TO THE AIR OF ANY KIND SHALL BE INCIDENTAL TO THE CONTRACT.

17. EXISTING UTILITY INFORMATION, LIGHTING DUCTS, AND CABLES SHOWN ON THE PLANS CONCERNING THE TYPE, SIZE, AND LOCATION WERE COMPILED BASED ON THE BEST AVAILABLE UTILITY RECORDS TO THE ENGINEER AND AIRPORT, AND ARE APPROXIMATE. THE CONTRACTOR SHALL PROVIDE A UTILITY LOCATOR AND VERIFY THE ACTUAL LOCATION PRIOR TO CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES IN PLACE UNLESS NOTED OTHERWISE OR SPECIFIED. THE OWNER AND ENGINEER BEAR NO RESPONSIBILITY FOR UTILITIES NOT SHOWN ON THE PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS. ANY AND ALL DAMAGE TO EXISTING UTILITIES SHALL BE COVERED AT THE CONTRACTOR'S EXPENSE. EXCAVATION IMMEDIATELY NEAR UTILITIES SHALL BE DONE BY HAND. UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE RESET OR RELOCATED BY THE UTILITY COMPANY CONCERNED UNLESS NOTED OTHERWISE. CONTRACTOR SHALL CONTACT THE FOLLOWING UTILITY COMPANIES AT LEAST SEVENTY–TWO (72) HOURS PRIOR TO BEGINNING CONSTRUCTION:

18.

ARIZONA PUBLIC SERVICE	(602) 371–6451	CONTACT: DON CROWDER
FAA FACILITIES	(602) 305–2532	CONTACT: ROGER GUSTAFSON
CENTURY LINK	(602) 530–0496	CONTACT: JOHN O'DELL
GAS (SW GAS)	(602) 484–5344	CONTACT: NORMA JARDIN
CITY WATER/SEWER	(602) 261–8229	CONTACT: JAMI ERICKSON
COP ENVIRONMENTAL	(602) 273–3396	CONTACT: REBECCA GODLEY
ALL EMERGENCY, FIRE, POLICE, MEDICAL,	911	
NON–EMERGENCY	(623) 869–0977	CONTACT: OPERATOR
COP ELECTRICAL	(602) 339–7733	CONTACT: ROBERT ARTHUR
COP COMMUNICATIONS	(602) 708–0244	CONTACT: CHAD BLOTKAMP
COP UTILITIES	(602) 708–0244	CONTACT: CHAD BLOTKAMP

19. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL UTILITY OWNERS AND THE PROGRAM MANAGER TO LOCATE ALL EXISTING AND PROPOSED UTILITIES PRIOR TO PERFORMING TRENCHING, MASS EXCAVATION, OR OTHER EARTHWORK.

20. SEVERAL UTILITY OWNERS INCLUDING THE COP AVIATION DEPARTMENT, SOLID WASTE MANAGEMENT DEPARTMENT, HUMAN SERVICES DEPARTMENT, FEDERAL AVIATION ADMINISTRATION, AND OTHERS ARE NOT MEMBERS OF THE BLUE STAKE CENTER NOTIFICATION SYSTEM AND MUST BE NOTIFIED INDIVIDUALLY. CONTRACTOR TO USE A THIRD PARTY UTILITY LOCATOR.

21. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND ELECTRICAL SYSTEMS TO REMAIN PRIOR TO COMMENCING ANY DRAINAGE EXCAVATION.

22. POWER, CONTROL CABLES AND FIXTURES FOR AIRFIELD LIGHTING AND NAVIGATIONAL AIDS ARE LOCATED IN THE CONSTRUCTION AREAS. THE CONTRACTOR'S PERSONNEL SHALL BECOME FAMILIAR WITH THESE CABLE AND FIXTURE LOCATIONS AND KEEP VEHICLES AND EQUIPMENT CLEAR OF THEM AT ALL TIMES. ADHERENCE TO AVIATION LOCKOUT/TAGOUT PROCEDURES SHALL BE STRICTLY ENFORCED.

23. ANY DAMAGE TO THE EXISTING AIRPORT LIGHTING SYSTEM CAUSED BY CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY NOTED TO THE OWNER AND REPAIRED BY THE CONTRACTOR AT ITS OWN EXPENSE.

24. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FIRE HYDRANTS AT ALL TIMES.

25. THE CONTRACTOR SHALL NOT DRAW WATER FROM ANY FIRE HYDRANT FOR USE ON THE WORK WITHOUT FIRST OBTAINING A WRITTEN PERMIT FROM THE CONTROLLING FIRE DEPARTMENT.

26. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE WITH THE COP AVIATION DEPARTMENT ON THE PRECISE LOCATION AND LIMITS OF THE STAGING AREA, AS WELL AS ANY SPECIAL REQUIREMENTS FOR FENCING, SECURITY OR ACCESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL UTILITIES AND HOOKUPS NECESSARY FOR THE CONTRACTOR'S USE AND FOR ALL PROJECT FIELD OFFICES AS REQUIRED IN THE SPECIAL PROVISIONS.

27. THE EXACT LIMITS, LIGHTING, AND SECURITY REQUIREMENTS OF THE CONTRACTOR'S STAGING AND STORAGE AREA SHALL BE ESTABLISHED BY THE CONTRACTOR WITH THE APPROVAL OF THE ENGINEER AND AIRPORT IN THE AREAS GENERALLY AS SHOWN ON THE PLANS. ANY AND ALL REQUIRED UTILITIES FOR THE CONTRACTOR'S OPERATIONS SHALL BE ARRANGED FOR AND PAID FOR BY THE CONTRACTOR AND PAID DIRECTLY TO THE APPROPRIATE UTILITY. UTILITY ARRANGEMENTS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND AIRPORT. THE CONTRACTOR SHALL USE THE STORAGE AND STAGING AREAS SHOWN ON THE PLANS FOR HIS/HER SHOP, MATERIAL AND EQUIPMENT STORAGE AND OTHER PROJECT RELATED ACTIVITIES, INCLUDING EMPLOYEE PARKING. ALL COSTS ASSOCIATED WITH PREPARING THE STORAGE AND STAGING AREA SITE SHALL BE BORNE BY THE CONTRACTOR. THIS INCLUDES BUT IS NOT LIMITED TO CLEARING AND GRADING OF THE SITE, CONSTRUCTION OF ALL TEMPORARY UTILITIES, ACCESS ROADS, ALL SECURITY FENCING, CLEAN–UP AND RESTORATION OF SITE TO ORIGINAL CONDITION.

28. THE CONTRACTOR SHALL SUBMIT A DRAWING SHOWING THE PROPOSED SITE LAYOUT OF ANY BATCH PLANTS. THE PLAN SHALL BE APPROVED BY THE ENGINEER AND AIRPORT PRIOR TO STARTING ANY WORK AT THE CONTRACTOR'S STAGING AREA.

29. THE CONTRACTOR SHALL INVESTIGATE THE AVAILABILITY OF AN ADEQUATE SUPPLY OF SUITABLE WATER, MAKE ALL ARRANGEMENTS (PERMITS) FOR THE PURCHASE OF THE WATER, AND PROVIDE NECESSARY FACILITIES TO FURNISH WATER FOR USE DURING CONSTRUCTION, SOLELY AT HIS EXPENSE.

30. BATCH PLANT SITES AND OTHER AREAS USED DURING CONSTRUCTION ARE TO BE RESTORED TO THEIR ORIGINAL CONDITION UPON COMPLETION OF THE PROJECT AT NO COST TO THE OWNER.

31. THE CONTRACTOR SHALL COMPLETE CLEAN UP AND RESTORATION OF ENTIRE PROJECT AREA, INCLUDING STAGING AND STORAGE AREAS, AS APPROVED BY THE ENGINEER AND AIRPORT WITHIN 10 DAYS OF CONTRACT COMPLETION DATE.

32. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY ELECTRICAL TIE–OVERS THAT WILL BE REQUIRED TO KEEP TAXIWAY EDGE LIGHTS AND SIGNS IN OPERATION AT ALL TIMES WHEN THE PAVEMENT AREAS ARE AVAILABLE TO AIRCRAFT TRAFFIC.

33. THE CONTRACTOR SHALL CONDUCT THE FINAL CLEANING OF AFFECTED AIRPORT PAVEMENTS PRIOR TO REOPENING THE PAVEMENTS TO AIR TRAFFIC. CONTRACTOR TO PROTECT ALL EXISTING UTILITY VAULTS AND LIDS DURING CONSTRUCTION. CONTRACTOR SHALL ENSURE THAT ALL VAULT LIDS ARE OPERATIONAL FOLLOWING COMPLETION OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTINUOUS DAILY CLEAN UP OF HIS/HER WORK AREA. THE CONTRACTOR SHALL CONDUCT POWER VACUUM CLEANING OF AFFECTED AIRPORT PAVEMENTS PRIOR TO REOPENING EACH PHASE OF THE PAVEMENTS TO AIR TRAFFIC, AND FOR ACTIVE TAXIWAYS AND RUNWAYS IMMEDIATELY FOLLOWING ANY ACCESS ONTO OR CROSSING OF THE PAVEMENT BY CONSTRUCTION TRAFFIC.

34. THE CONTRACTOR IS REQUIRED TO PROVIDE LIGHTING FOR CONSTRUCTION DURING THE HOURS OF DARKNESS AS REQUIRED TO PERFORM CONSTRUCTION AND RELATED ACTIVITIES. COSTS FOR LIGHTING SHALL BE INCIDENTAL TO THE CONTRACT.

35. THE CONTRACTOR'S SUPERINTENDENT SHALL BE ON THE CONSTRUCTION SITE AT ALL TIMES DURING WORKING HOURS WHILE THIS PROJECT IS IN PROGRESS. THE CONTRACTOR'S SUPERINTENDENT SHALL BE THE DESIGNATED RESPONSIBLE CONTRACTOR REPRESENTATIVE AND SHALL BE AVAILABLE IN CASE OF EMERGENCIES ON A 24–HOUR DAILY BASIS.

36. MOST CONSTRUCTION WORK IN THIS PROJECT WILL OCCUR WITHIN THE AIR OPERATIONS AREA (AOA) AND IS SUBJECT TO OPERATIONAL SAFETY AND SECURITY REQUIREMENTS OF THE COP AND FAA. ANY ADDITIONAL REQUIREMENTS AS MAY BE DEEMED NECESSARY BY THE COP OR THE FAA WILL BE COMPLIED WITH BY THE CONTRACTOR AT NO COST TO THE OWNER.

37. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRANSPORTING EMPLOYEES TO AND FROM THE PROJECT SITE IF NECESSARY.

38. ROADS USED AS CONTRACTOR ROUTES MAY BE USED BY OTHER AIRPORT VEHICLES. THE CONTRACTOR SHALL NOT INTERFERE WITH OTHER VEHICLE TRAFFIC AND SHALL YIELD TO EMERGENCY VEHICLES ALONG ANY OF THE AIRPORT OR PUBLIC ROADS.

39. EACH CONTRACTOR/SUBCONTRACTOR, INCLUDING EACH CONTRACTOR/SUBCONTRACTOR EMPLOYEE, WHO OPERATES A GROUND VEHICLE ON ANY PORTION OF THE AOA AT THE AIRPORT MUST BE FAMILIAR WITH:

   - DVT RULES AND REGULATIONS.
   - DVT PROCEDURES FOR THE OPERATION OF GROUND VEHICLES.
   - FAILURE TO COMPLY WITH DVT RULES AND REGULATIONS AND/OR PROCEDURES FOR THE OPERATION OF GROUND VEHICLES, WILL REQUIRE THE PERSON TO ATTEND A MOVEMENT AREA OPERATING PROCEDURES CLASS

39. ALL CONTRACTOR VEHICLES, INCLUDING HAULING VEHICLES, CONSTRUCTION EQUIPMENT (IE. ROLLERS. BACKHOES, SCRAPERS, ETC.) THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT WITHIN THE DESIGNATED LIMITS OF CONSTRUCTION OR HAUL ROUTES, SHALL DISPLAY IN FULL VIEW ABOVE THE VEHICLE A 3'X3' OR LARGER ORANGE AND WHITE CHECKERBOARD FLAG, EACH CHECKERBOARD COLOR BEING 1' SQUARE, WHEN OPERATING DURING PERIODS OF DARKNESS OR LIMITED VISIBILITY, CONTRACTOR'S VEHICLES SHALL BE EQUIPPED WITH ROTATING OR FLASHING AMBER LIGHTS. DURING SUCH PERIODS, HAULING VEHICLES NOT SO EQUIPPED SHALL BE ESCORTED BY A VEHICLE SO SUPPLIED.

40. ALL VEHICLES AND EQUIPMENT SHALL BE KEPT WITHIN THE WORK AREAS ESTABLISHED FOR EACH WORKSHIFT UNLESS TRAVELING TO OR FROM THE SITE. ALL VEHICLES AND EQUIPMENT SHALL BE PARKED IN STAGING AREAS AS APPROVED BY THE ENGINEER AND AIRPORT.

41. CONTRACTOR SHALL PROVIDE TRAINED FLAGMEN TO COORDINATE AND CONTROL CONSTRUCTION TRAFFIC WHEN OPERATING ACROSS ANY ACTIVE TAXIWAY. FLAGMEN SHALL BE EQUIPPED WITH RADIOS ON GROUND CONTROL FREQUENCY AND SHALL ALLOW TRAFFIC CROSSINGS ON ACTIVE TAXIWAYS AND RUNWAYS ONLY UPON SPECIFIC AUTHORIZATION BY AIR TRAFFIC CONTROL. FLAGMEN SHALL ALSO BE PROVIDED FOR CONTROLLING EQUIPMENT ENTERING AND LEAVING THE PROJECT AREA.

42. THE CONTRACTOR SHALL AT NO TIME CROSS AN ACTIVE RUNWAY OR TAXIWAY UNLESS ESCORTED BY A COP RADIO ESCORT. VIOLATION COULD RESULT IN PERMANENT EJECTION FROM THE AIRPORT PROPERTY AND/OR THE ASSESSMENT OF FINES.

43. CONTRACTOR ACCESS GATE SHALL BE MANNED BY A CONTRACTOR SUPPLIED GATE GUARD OR REMAIN LOCKED AT ALL TIMES (WHEN NOT OCCUPIED). APPROVED GATE GUARD SHALL CONTROL ACCESS TO ALLOW ONLY AUTHORIZED CONSTRUCTION TRAFFIC TO ENTER THE SITE.

44. CONSTRUCTION EQUIPMENT SHALL NOT PENETRATE THE HEIGHT RESTRICTIONS FOR FAR PART 77.

45. ALL SURFACE RUNOFF FROM THE STAGING AREA OR THE AREAS UNDER CONSTRUCTION SHALL BE COLLECTED AND ADEQUATELY FILTERED BEFORE DISCHARGE INTO THE EXISTING DRAINAGE SYSTEM. CONTRACTOR SHALL MITIGATE THE IMPACTS OF RUNOFF FROM THE SITE IN CONFORMANCE WITH THE SPECIFICATIONS.

46. NO ADJUSTMENT FOR ADDITIONAL COMPENSATION AND TIME WILL BE MADE FOR TIME LOST IN WORK AREAS CONTIGUOUS TO TAXIWAYS AND RUNWAYS DUE TO AIRCRAFT TRAFFIC.

47. CONTRACTOR SHALL NOTE IN THE RECORD DRAWINGS ANY AND ALL PIPES, DUCTS AND CABLES FOUND DURING EXCAVATION. INDICATE EXACT POSITION, ELEVATION, DIRECTION, SIZE, MATERIAL, PURPOSE AND ACTIVE STATUS, IF KNOWN.

48. ANY PAINT USED FOR NEW PAVEMENT MARKINGS SHALL BE LEAD FREE CERTIFIED. CONTRACTOR TO PROVIDE SAFETY DATA SHEET TO THE AIRPORT FOR APPROVAL PRIOR TO CONSTRUCTION.

49. BEFORE ANY WORK COMMENCES, AN ASBESTOS AND LEAD SURVEY NEEDS TO BE COMPLETED. THE CONTRACTOR SHALL CONTACT CITY OF PHOENIX AVIATION DEPT PROJECT MANAGER APPROXIMATELY 3–4 WEEKS PRIOR TO CONSTRUCTION ACTIVITIES TO HAVE THE ASBESTOS AND LEAD SURVEY DONE. ANY ENVIRONMENTAL HAZARDS FOUND DURING THIS SURVEY SHALL BE ABATED PRIOR TO ANY DISTURBANCE. CONTRACTOR TO ALSO NOTIFY CITY OF PHOENIX AVIATION DEPT PROJECT MANAGER FOR ANY SUBSURFACE MATERIALS FOUND DURING CONSTRUCTION. CONTRACTOR SHALL ASSUME ALL SUSPECT MATERIALS CONTAIN ASBESTOS (ANYTHING OTHER THAN UNPAINTED WOOD, METAL, OR GLASS) UNLESS OTHERWISE NOTIFIED.

50. IF SOIL IS TO BE REMOVED FROM THE AIRPORT, THEN PRIOR TO ANY WORK COMMENCING, SOIL SAMPLING NEEDS TO BE COMPLETED. THE CONTRACTOR SHALL CONTACT CITY OF PHOENIX AVIATION DEPT PROJECT MANAGER APPROXIMATELY 3–4 WEEKS PRIOR TO CONSTRUCTION ACTIVITIES TO HAVE THE SOIL SAMPLING COMPLETED. THE SOIL SHALL BE SAMPLED BY COP ENVIRONMENTAL ON–CALL CONSULTANTS WITH ASSISTANCE FROM THE CONTRACTOR. CONTRACTOR SHALL PROVIDE BARRICADES, COMMUNICATE WITH OPERATIONS AND REPLACE THE CORED AREA AFTER SAMPLING IS COMPLETE PER AIRPORT SPECIFICATIONS.

51. THE PROJECT WILL DISTURB MORE THAN 1/10 OF AN ACRE. THE CONTRACTOR SHALL OBTAIN A MARICOPA COUNTY DUST CONTROL PERMIT PRIOR TO CONSTRUCTION.

52. THE CONTRACTOR SHALL OBTAIN A CONSTRUCTION GENERAL PERMIT FROM ADEQ AND IMPLEMENT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP SHALL BE SUBMITTED TO COP AIRPORT ENVIRONMENTAL FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION.

53. ANY WASTE OR CONSTRUCTION DEBRIS MUST BE DISPOSED OF PROPERLY. THE DISPOSAL OF MATERIAL OFF–SITE SHALL BE DONE IN A LAWFUL MANNER AND AT A SITE HAVING CURRENT APPROVAL TO ACCEPT SOLID WASTE FOR DISPOSAL.

54. CONTRACTOR TO OBTAIN PERMIT FROM THE WATER DEPARTMENT TO ACCESS STORM DRAINS, STORM DRAIN MANHOLES, AND SANITARY SEWER MANHOLES IF REQUIRED.

55. SERVICE ROAD ACCESS SHALL BE MAINTAINED AT ALL TIMES. ALIGNMENT FOR SERVICE ROAD DETOURS SHALL BE APPROVED BY AIRPORT OPERATIONS AND SECURITY.

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT — CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND B6 AND B9 - GMP 4
CONSTRUCT CONNECTORS
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: NTS

AIP NO.: 3–04–0028–XXX–TBD

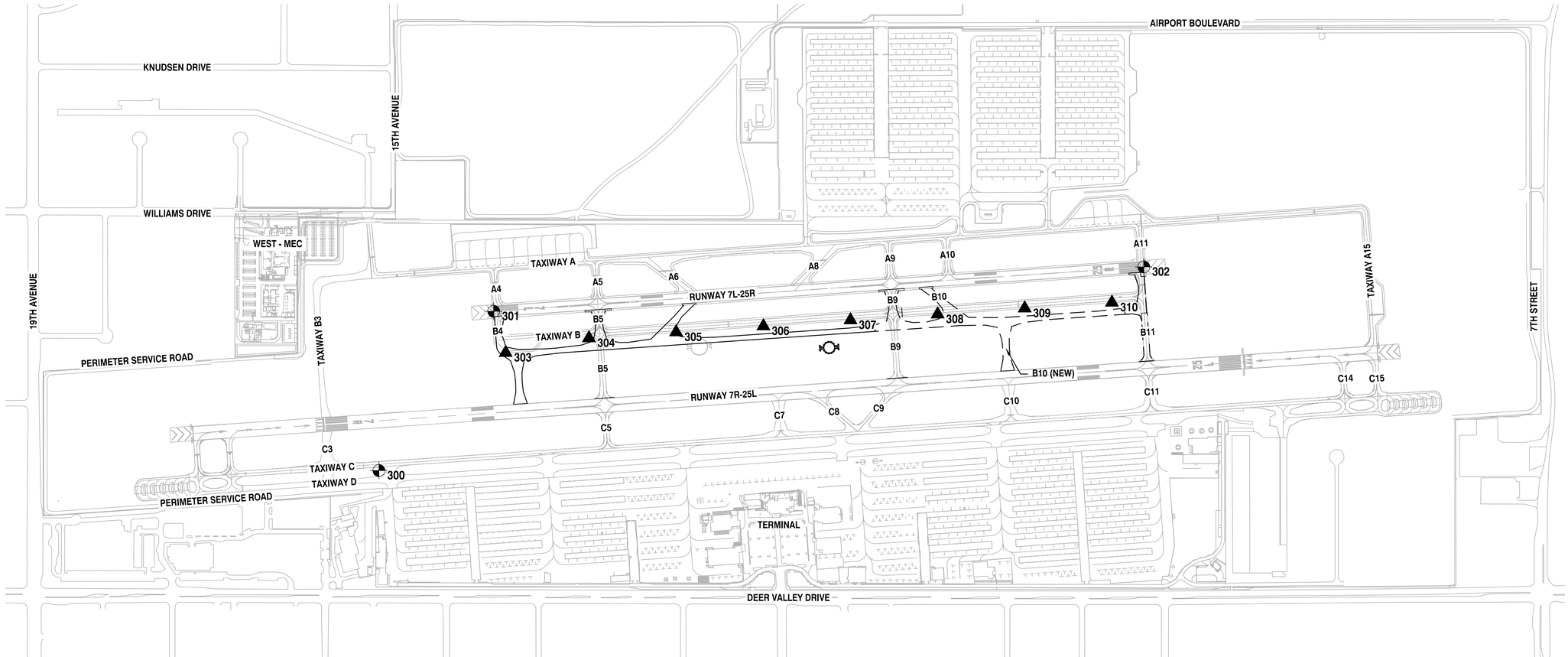
SHEET OVERVIEW TITLE

GENERAL NOTES

SHEET REFERENCE NUMBER: GI-005

SHEET 05 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092–1–GI–005–GMP4.dwg – Feb 26,2026 9:21am



▲ SURVEY CONTROL POINTS				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
303	978194.40	647631.68	1452.51	SET PK NAIL
304	978295.35	648207.11	1456.16	SET PK NAIL
305	978336.53	648808.83	1458.99	SET PK NAIL
306	978377.86	649411.66	1462.26	SET PK NAIL
307	978419.33	650012.86	1465.15	SET PK NAIL
308	978459.93	650614.89	1468.18	SET PK NAIL
309	978501.05	651216.11	1471.17	SET PK NAIL
310	978541.16	651818.28	1474.07	SET PK NAIL

⊕ PRIMARY CONTROL POINTS				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
300	977381.08	646756.34	1443.80	BCF DVT B (SACS)
301	978480.29	647549.01	1455.15	BCF 7L THRESHOLD MONUMENT
302	978786.48	652038.60	1477.09	BCF 25R THRESHOLD MONUMENT

LEGEND

⊕1 SITE BENCHMARK

▲2 TEMPORARY BENCHMARK

BCF BRASS CAP FLUSH

SURVEY CONTROL NOTES

THE FIELD PORTION OF THIS SURVEY WAS PERFORMED DURING THE MONTHS OF JULY AND AUGUST, 2019. THE THRESHOLD MONUMENTS WERE SINCE REPLACED. THE NEW THRESHOLD MONUMENTS (#301 & #302) WERE LOCATED JANUARY 21, 2025 USING GPS, ELEVATIONS SHOWN ARE NOT BY DIFFERENTIAL LEVELING. SUPPLEMENTAL FIELD SURVEY WAS PERFORMED DURING THE MONTH OF JANUARY, 2026.

HORIZONTAL DATUM (NAD 83 NORTH AMERICAN DATUM OF 1983)

ALL COORDINATES SHOWN ARE GROUND VALUES BASED ON NAD83 ARIZONA STATE PLANE CENTRAL ZONE GRID COORDINATES SCALED ABOUT 0,0 BY A FACTOR OF 1.00016216.

VERTICAL DATUM (NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988)

PRIMARY SITE BENCHMARK – DVT B (SACS) POINT #300 A BRASS CAP FLUSH PER NGS DATA SHEET HAVING AN ELEVATION OF 1443.80 (NAVD88).

NOTE:

1. THE CONTRACTOR SHALL PROVIDE WRITTEN CONFIRMATION OF COORDINATES AND ELEVATIONS OF BENCHMARKS PRIOR TO CONSTRUCTION.

N

0 400' 800'

SCALE:1"=400'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

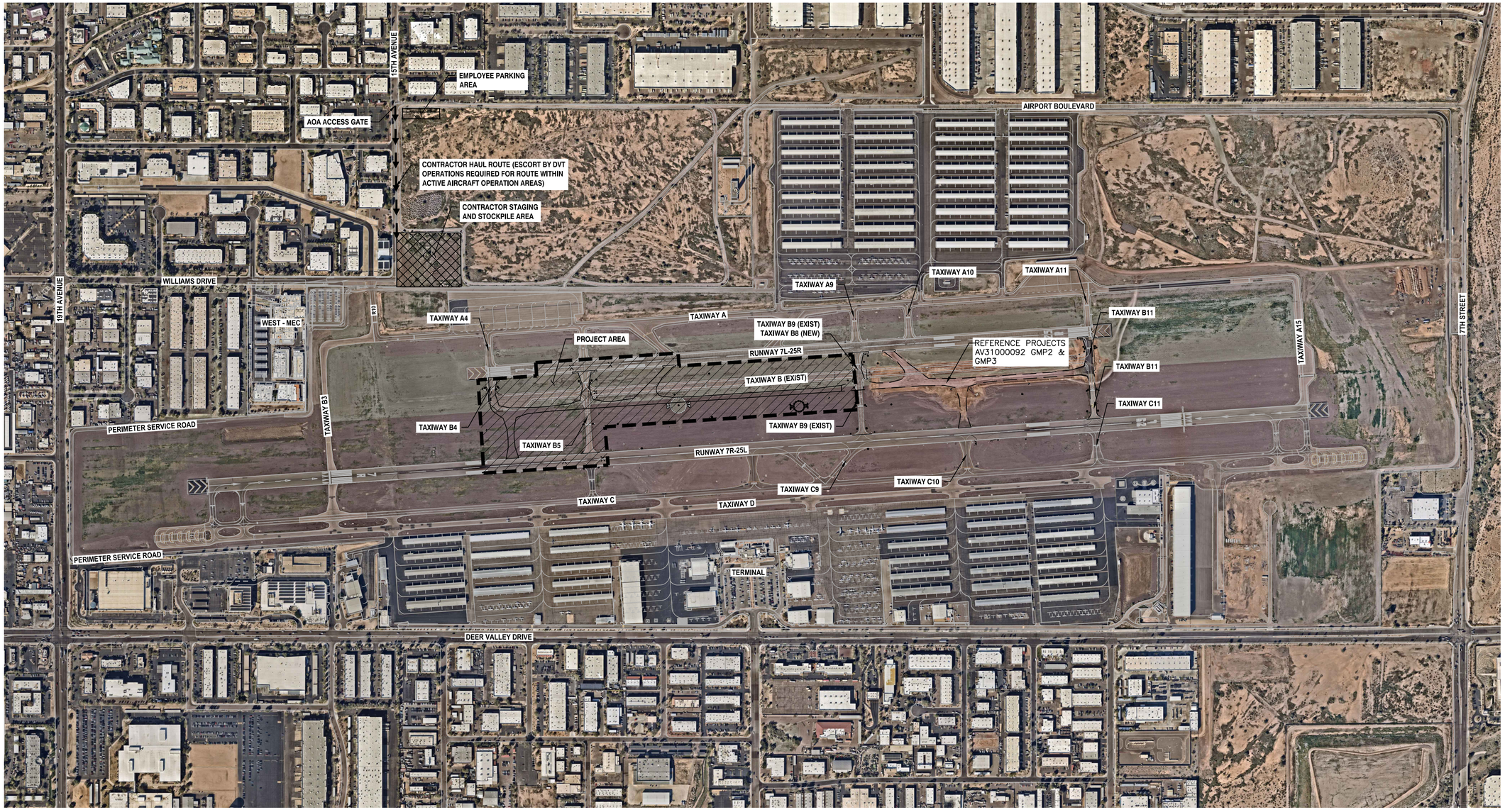
SHEET OVERVIEW TITLE

SURVEY CONTROL PLAN

SHEET REFERENCE NUMBER:
VF-401

SHEET 06 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-VF-401-GMP4.dwg – Feb 26,2026 9:21am



LEGEND

- CONTRACTOR HAUL ROUTE
- CONTRACTOR STAGING/STOCKPILE AREA
- PROJECT AREA
- EMPLOYEE PARKING AREA

NOTES:

1. AREAS SHOWN ARE INTENDED TO BE AN APPROXIMATE GEOGRAPHICAL REPRESENTATION.
2. THE CONTRACTOR SHALL COORDINATE THE LIMITS OF THE STAGING AND STOCKPILE AREA, THE LIMITS OF THE EMPLOYEE PARKING AND TEMPORARY FENCING WITH DVT PRIOR TO CONSTRUCTION.
3. CONTRACTOR CAN ACCESS THE SITE USING THE AOA GATE ON 15TH AVENUE BETWEEN WEST PARKSIDE LANE AND WEST KNUDSEN DRIVE. CONTRACTOR SHALL COORDINATE WITH AND OBTAIN APPROVAL FROM AIRPORT OPERATIONS REGARDING USE OF ANY GATE. AIRPORT OPERATIONS MAY ALLOW ACCESS FROM OTHER GATES, BASED ON AVAILABILITY OF SECURITY STAFF.
4. CONTRACTOR TO ENSURE THAT NO CONSTRUCTION TRAFFIC ENTERING SITE BACKS UP ON OR BLOCKS ANY PUBLIC STREET.
5. ANY EXISTING PAVEMENT AREA ALONG ANY HAUL ROUTE SHALL BE ADEQUATELY PROTECTED PER TECHNICAL SPECIAL PROVISION ITEM 41 AIRPORT SAFETY AND SECURITY (M-003) PRIOR TO ANY HAULING ACTIVITIES.

N

0 400' 800'

SCALE:1"=400'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

PROJECT LAYOUT PLAN

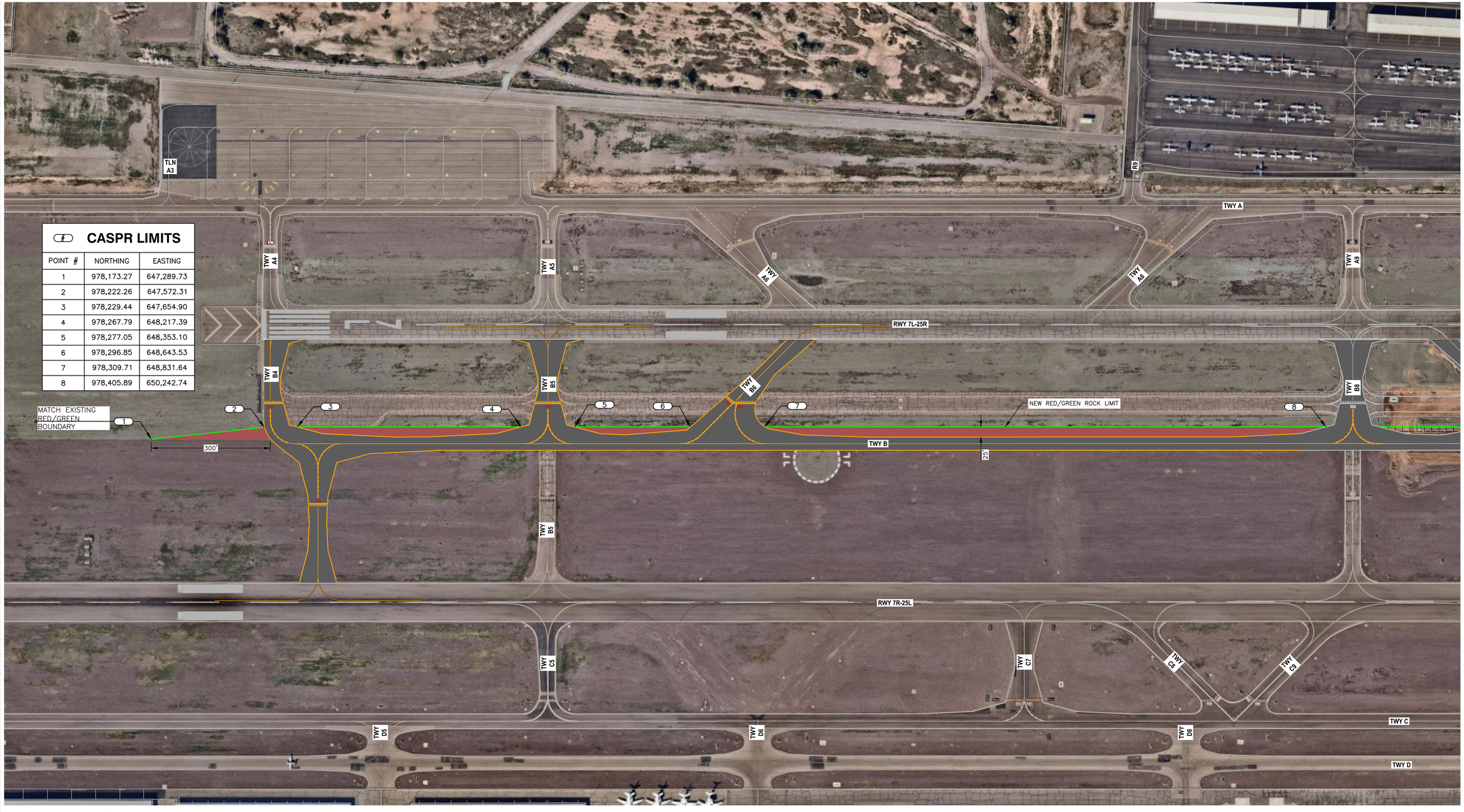
SHEET REFERENCE NUMBER:
GI-401

SHEET 07 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-GI-401-GMP4.dwg — Feb 27,2026 2:20pm

CASPR LIMITS

POINT #	NORTHING	EASTING
1	978,173.27	647,289.73
2	978,222.26	647,572.31
3	978,229.44	647,654.90
4	978,267.79	648,217.39
5	978,277.05	648,353.10
6	978,296.85	648,643.53
7	978,309.71	648,831.64
8	978,405.89	650,242.74



LEGEND

REDUCED GREEN CASPR LIMIT

GMP3 WORK

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N

0 120' 240'

SCALE:1"=120'

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NO	REVISIONS / SUBMISSIONS	DATE

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CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

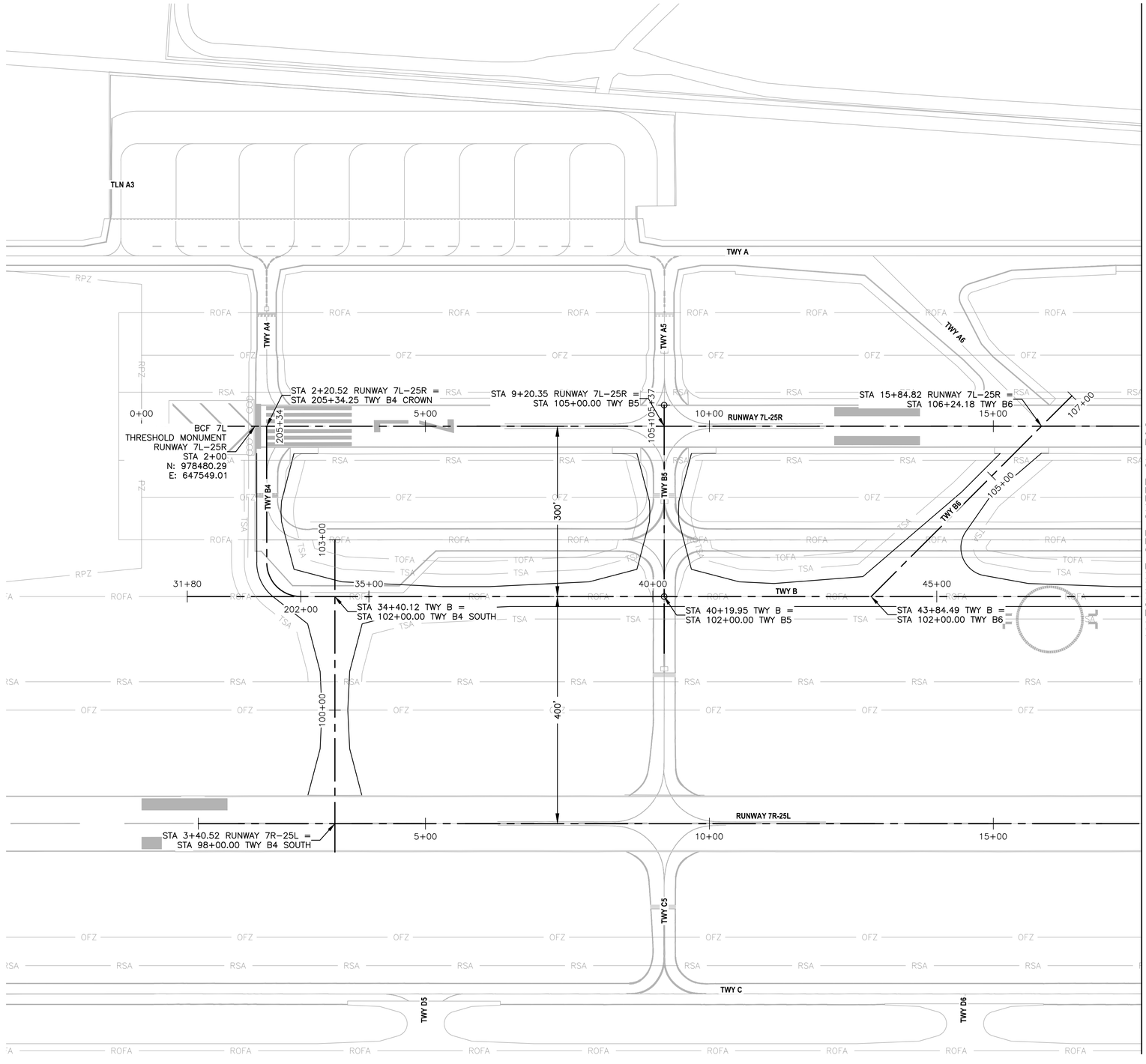
SHEET OVERVIEW TITLE

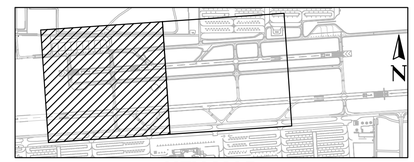
CRUSHED AGGREGATE SLOPE PROTECTION PLAN

SHEET REFERENCE NUMBER:
GI-402

SHEET 08 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-GI-402-GMP4.dwg - Feb 26,2026 2:32pm





KEY MAP

SCALE:1"=20'

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CITY OF PHOENIX AVIATION DEPARTMENT

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B6 AND B9 - GMP 4
AV31000092 FAA

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Dwg scale: AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

ALIGNMENT PLAN

SHEET REFERENCE NUMBER:
GI-701

SHEET 09 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092–1–GI–701–GMP4.dwg – Feb 27,2026 11:20am

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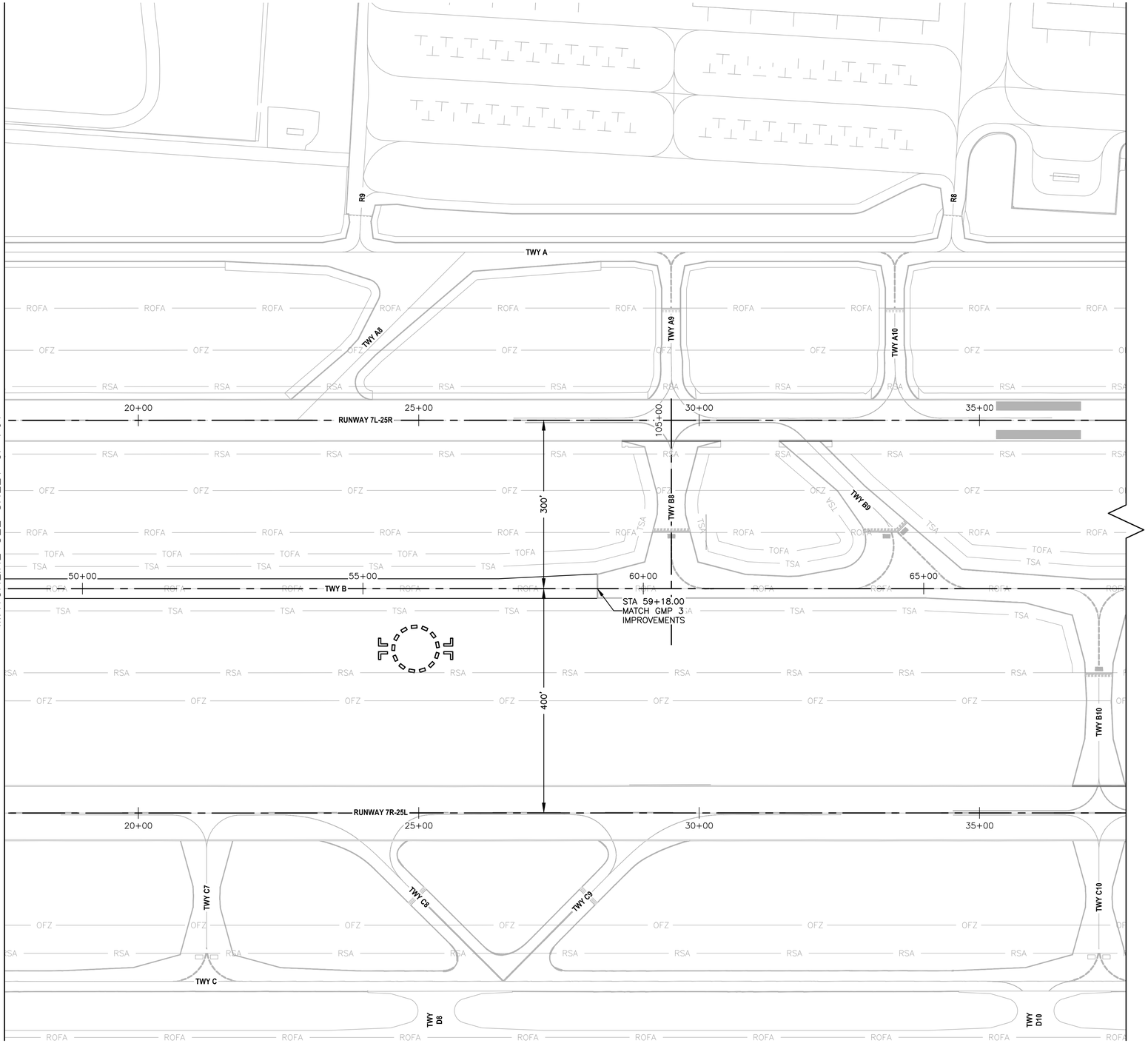
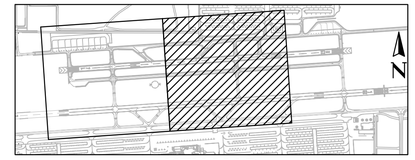
MATCHLINE SEE SHEET GI–701





KEY MAP

SCALE:1"=20'

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CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

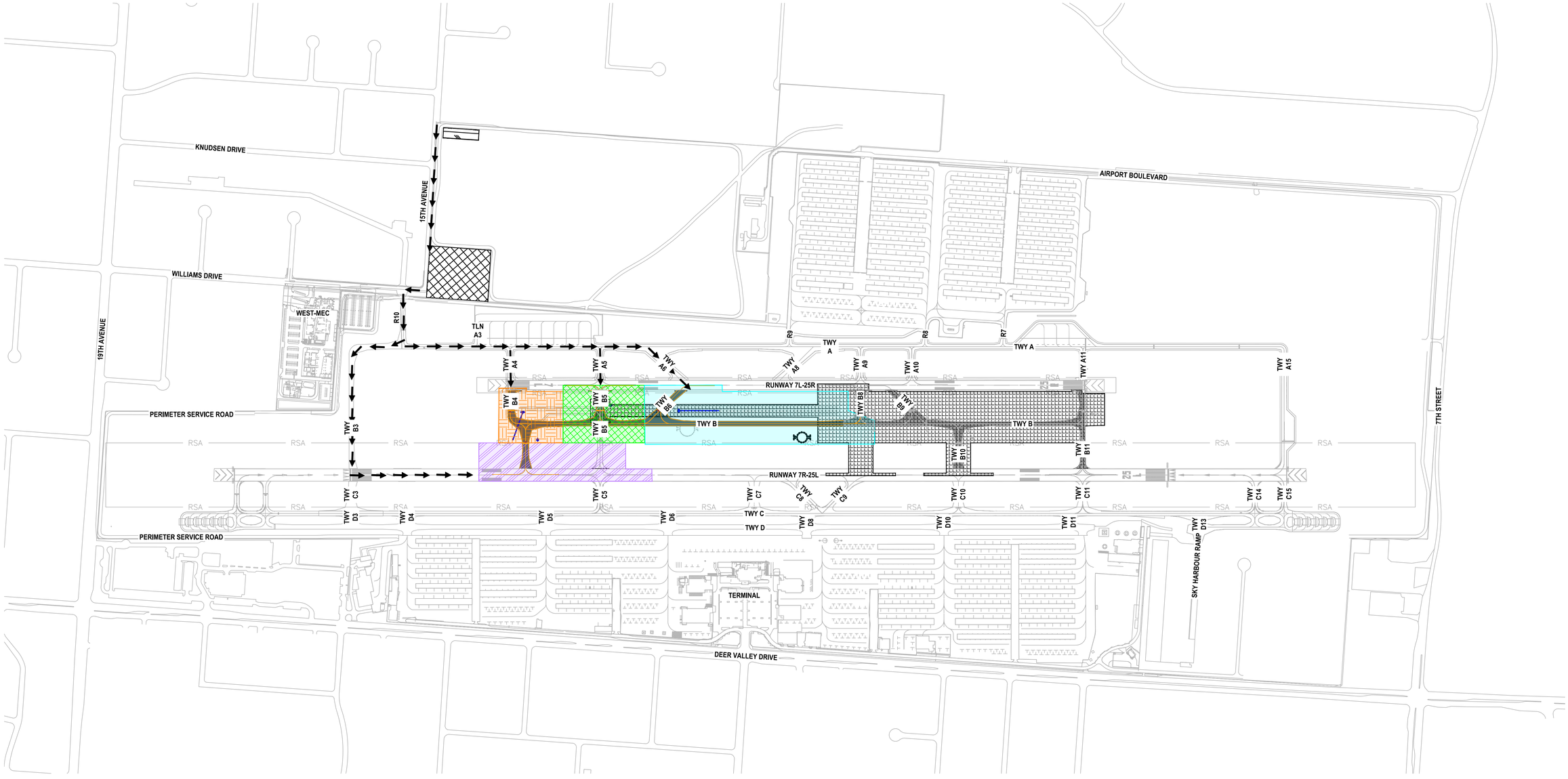
Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

ALIGNMENT PLAN

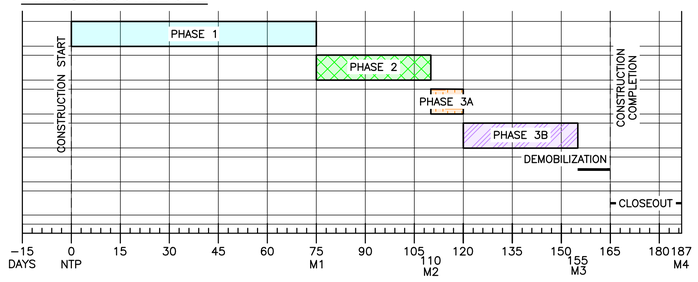
SHEET REFERENCE NUMBER:
GI-702



GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, ALL NOTES AND REFERENCES TO PHASES ARE APPLICABLE TO EACH SUB–PHASE. SUB–PHASES ARE INDICATED WITH LETTERED SUFFIXES (IE. 1A, 2B, ETC).
2. SCHEDULE OF WORK AND SEQUENCE OF CONSTRUCTION PHASES SHALL BE COORDINATED WITH DVT.
3. CONSTRUCTION ACTIVITIES ARE NOT PERMITTED AT THE AIRPORT DURING DVT MORATORIUM DATES. CONTRACTOR SHALL COORDINATE WITH DVT FOR SCHEDULING OF WORK ACTIVITIES.
4. THE CONTRACTOR SHALL PERFORM THE WORK IN THE PHASING SEQUENCES SHOWN ON THE PLANS AND AS DESCRIBED IN THE SPECIFICATIONS.
5. SEE THE INDIVIDUAL PHASING SHEETS FOR ADDITIONAL INFORMATION ON IMPACTS TO OPERATIONS ON RUNWAYS 7R–25L AND 7L–25R, TAXIWAYS A, A13, B, B9, B11, AND C FOR EACH PHASE.
6. AREAS SHOWN ARE INTENDED TO BE AN APPROXIMATE GEOGRAPHICAL REPRESENTATION.
7. SEE PROJECT LAYOUT PLAN GI–401 FOR CONTRACTOR AOA ACCESS, STAGING/STOCKPILE AREAS AND HAUL ROUTES.

PHASING SCHEDULE



LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- PHASE 4
- GMP2/GMP3 WORK
- CONTRACTOR STAGING/STOCKPILE AREA
- EMPLOYEE PARKING AREA
- HAUL ROUTE

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0 400' 800'

SCALE:1"=400'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

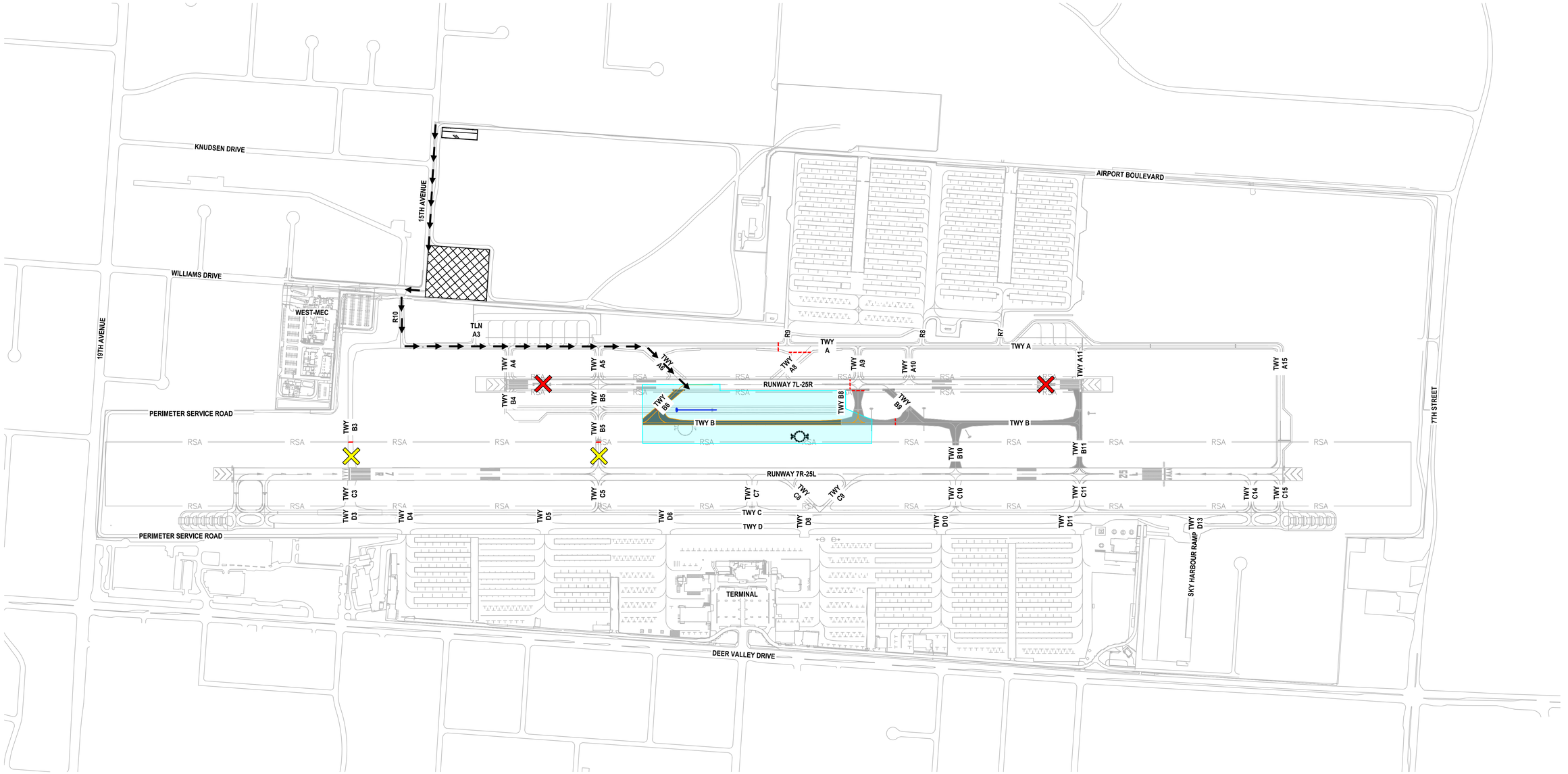
SHEET OVERVIEW TITLE

OVERALL CONSTRUCTION SAFETY & PHASING PLAN

SHEET REFERENCE NUMBER:
GC-101

SHEET 11 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\Design\Dwg\Dwg\ AV31000092–1–GC–101–GMP4.dwg – Feb 26,2026, 3:24pm



PHASE 1 ELEMENTS:
PHASE 1 ACTIVITIES GENERALLY CONSIST OF CRUSHED AGGREGATE SLOPE PROTECTION REMOVAL, UNCLASSIFIED EXCAVATION, SAWCUT AND REMOVAL OF EXISTING ASPHALT CONCRETE PAVEMENT, PAVEMENT MARKING OBLITERATION, EXCAVATION AND INSTALLATION OF ELECTRICAL INFRASTRUCTURE, STORM DRAIN INSTALLATION, GRADING, CONSTRUCTION OF NEW ASPHALT CONCRETE PAVEMENT, DEMOLITION OF EXISTING SEGMENTED CIRCLE, CONSTRUCTION OF RELOCATED SEGMENTED CIRCLE, AGGREGATE SLOPE PROTECTION PLACEMENT, AND PAVEMENT MARKING APPLICATION.

AREAS CLOSED TO AIRCRAFT OPERATIONS:
RUNWAY 7L–25R CLOSED NIGHTLY.
TAXIWAY A WEST OF RAMP 9 CLOSED NIGHTLY.
TAXIWAY A4 CLOSED NIGHTLY.
TAXIWAY A5 CLOSED NIGHTLY.
TAXIWAY A6 CLOSED NIGHTLY.
TAXIWAY A8 CLOSED NIGHTLY.
TAXIWAY B WEST OF TAXIWAY B9 CLOSED NIGHTLY.
TAXIWAY B3 CLOSED NIGHTLY.
TAXIWAY B4 CLOSED NIGHTLY.
TAXIWAY B5 CLOSED NIGHTLY.
TAXIWAY B8 CLOSED NIGHTLY.
RAMP 10 CLOSED NIGHTLY.

DURATION OF CLOSURES:
RUNWAY AND TAXIWAY RESTRICTIONS AND CLOSURES ARE EXPECTED NIGHTLY BETWEEN 2100 AND 0600 HOURS FOR THE ENTIRE PHASE DURATION.

ARFF ACCESS ROUTES:
THERE IS NO ARFF AT DVT. EMERGENCY ACCESS ROUTES MUST BE MAINTAINED.

CONSTRUCTION STAGING AND STOCKPILE AREAS:
CONTRACTOR STAGING AND STOCKPILE AREAS ARE SHOWN ON THE PROJECT LAYOUT PLAN SHEET GI–401.

IMPACTS TO NAVAIDS:
THE EXISTING SEGMENTED CIRCLE AND WIND CONE WILL BE DEMOLISHED AND RECONSTRUCTED AT A NEW LOCATION DURING THIS PHASE OF CONSTRUCTION. THERE ARE NO OTHER ANTICIPATED IMPACTS TO NAVAIDS DURING THIS PHASE OF CONSTRUCTION.

LIGHTING, MARKING, AND SIGNING CHANGES:
AFFECTED TAXIWAY LOCATION AND DIRECTION SIGNS SHALL BE OBSCURED AS REQUIRED FOR THE CLOSURE. ELEVATED TAXIWAY EDGE LIGHTS FOR CLOSED SECTIONS OF TAXIWAY SHALL BE COVERED SO THAT NO LIGHT IS OBSERVED DURING THE CLOSURE.

AVAILABLE RUNWAY LENGTH:
EXISTING AVAILABLE RUNWAY LENGTHS WILL BE MAINTAINED. NO REDUCTIONS TO THE EXISTING ADG ARE ANTICIPATED.

REQUIRED HAZARD MARKING, LIGHTING, AND SIGNING:
TAXIWAYS SHALL BE CLOSED USING LOW PROFILE BARRICADES WITH RED (STEADY OR FLASHING) LIGHTS MOUNTED ON THE BARRICADE SPACED NO MORE THAN 10–FEET.

WORK ZONE LIGHTING FOR NIGHTTIME CONSTRUCTION:
LIGHTING EQUIPMENT MUST ADEQUATELY ILLUMINATE THE WORK AREA AND SHALL BE DIRECTED AWAY FROM THE ATCT. ALL SUPPORT EQUIPMENT, EXCEPT HAUL TRUCKS, SHALL BE EQUIPPED WITH ARTIFICIAL ILLUMINATION.

LEAD TIMES REQUIRED FOR NOTIFICATIONS:
THE CONTRACTOR IS REQUIRED TO NOTIFY AIRPORT OPERATIONS A MINIMUM OF 72 HOURS IN ADVANCE TO PROVIDE REQUIRED NOTIFICATIONS.

LEGEND

- PHASE 1
- CONTRACTOR STAGING/STOCKPILE AREA
- EMPLOYEE PARKING AREA
- LOW PROFILE BARRICADES AT 10 FT SPACING
- RUNWAY CLOSURE MARKER
- TAXIWAY CLOSURE MARKER
- HAUL ROUTE

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SCALE:1"=400'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
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Designed by: T. ROTH
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Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE
CONSTRUCTION SAFETY & PHASING PLAN - PHASE 1

SHEET REFERENCE NUMBER:
GC-102

SHEET 12 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092–1–GC–102–GMP4.dwg – Feb 26,2026 3:25pm

PHASE 2 ELEMENTS:
PHASE 2 ACTIVITIES GENERALLY CONSIST OF CRUSHED AGGREGATE SLOPE PROTECTION REMOVAL, UNCLASSIFIED EXCAVATION, SAWCUT AND REMOVAL OF EXISTING ASPHALT CONCRETE PAVEMENT, PAVEMENT MARKING OBLITERATION, EXCAVATION AND INSTALLATION OF ELECTRICAL INFRASTRUCTURE, GRADING, CONSTRUCTION OF NEW ASPHALT CONCRETE PAVEMENT, AGGREGATE SLOPE PROTECTION PLACEMENT, AND PAVEMENT MARKING APPLICATION.

AREAS CLOSED TO AIRCRAFT OPERATIONS:
RUNWAY 7L–25R CLOSED NIGHTLY.
TAXIWAY A WEST OF RAMP 9 CLOSED NIGHTLY.
TAXIWAY A4 CLOSED NIGHTLY.
TAXIWAY A5 CLOSED NIGHTLY.
TAXIWAY A6 CLOSED NIGHTLY.
TAXIWAY A8 CLOSED NIGHTLY.
TAXIWAY B WEST OF TAXIWAY B8 CLOSED NIGHTLY.
TAXIWAY B3 CLOSED NIGHTLY.
TAXIWAY B4 CLOSED NIGHTLY.
TAXIWAY B5 CLOSED NIGHTLY.
TAXIWAY B6 CLOSED NIGHTLY.
RAMP 10 CLOSED NIGHTLY.

DURATION OF CLOSURES:
RUNWAY AND TAXIWAY RESTRICTIONS AND CLOSURES ARE EXPECTED NIGHTLY BETWEEN 2100 AND 0600 HOURS FOR THE ENTIRE PHASE DURATION.

EMERGENCY VEHICLE ACCESS ROUTES:
EMERGENCY VEHICLE ACCESS MUST BE MAINTAINED.

CONSTRUCTION STAGING AND STOCKPILE AREAS:
CONTRACTOR STAGING AND STOCKPILE AREAS ARE SHOWN ON THE PROJECT LAYOUT PLAN SHEET GI–401.

IMPACTS TO NAVAIDS:
THERE IS NO ANTICIPATED IMPACT TO NAVAIDS DURING THIS PHASE OF CONSTRUCTION.

LIGHTING, MARKING, AND SIGNING CHANGES:
AFFECTED TAXIWAY LOCATION AND DIRECTION SIGNS SHALL BE OBSCURED AS REQUIRED FOR THE CLOSURE. ELEVATED TAXIWAY EDGE LIGHTS FOR CLOSED SECTIONS OF TAXIWAY SHALL BE COVERED SO THAT NO LIGHT IS OBSERVED DURING THE CLOSURE.

AVAILABLE RUNWAY LENGTH:
EXISTING AVAILABLE RUNWAY LENGTHS WILL BE MAINTAINED. NO REDUCTIONS TO THE EXISTING ADG ARE ANTICIPATED.

REQUIRED HAZARD MARKING, LIGHTING, AND SIGNING:
TAXIWAYS SHALL BE CLOSED USING LOW PROFILE BARRICADES WITH RED (STEADY OR FLASHING) LIGHTS MOUNTED ON THE BARRICADE SPACED NO MORE THAN 10–FEET.

WORK ZONE LIGHTING FOR NIGHTTIME CONSTRUCTION:
LIGHTING EQUIPMENT MUST ADEQUATELY ILLUMINATE THE WORK AREA AND SHALL BE DIRECTED AWAY FROM THE ATCT. ALL SUPPORT EQUIPMENT, EXCEPT HAUL TRUCKS, SHALL BE EQUIPPED WITH ARTIFICIAL ILLUMINATION.

LEAD TIMES REQUIRED FOR NOTIFICATIONS:
THE CONTRACTOR IS REQUIRED TO NOTIFY AIRPORT OPERATIONS A MINIMUM OF 72 HOURS IN ADVANCE TO PROVIDE REQUIRED NOTIFICATIONS.

LEGEND

- PHASE 2
- CONTRACTOR STAGING/STOCKPILE AREA
- EMPLOYEE PARKING AREA
- LOW PROFILE BARRICADES AT 10 FT SPACING
- RUNWAY CLOSURE MARKER
- TAXIWAY CLOSURE MARKER
- HAUL ROUTE

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N

0 400' 800'

SCALE:1"=400'

PRIME CONSULTANT
TRACE CONSULTING
1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

SUB CONSULTANT

90% SUBMITTAL
PRELIMINARY NOT FOR CONSTRUCTION

"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2–28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX"

NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

CONSTRUCTION SAFETY & PHASING PLAN - PHASE 2

SHEET REFERENCE NUMBER:
GC-103

SHEET 13 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092–1–GC–103–GMP4.dwg – Feb 26,2026 3:26pm

PHASE 3 ELEMENTS:
PHASE 3 ACTIVITIES GENERALLY CONSIST OF CRUSHED AGGREGATE SLOPE PROTECTION REMOVAL, UNCLASSIFIED EXCAVATION, SAWCUT AND REMOVAL OF EXISTING ASPHALT CONCRETE PAVEMENT, PAVEMENT MARKING OBLITERATION, EXCAVATION AND INSTALLATION OF ELECTRICAL INFRASTRUCTURE, GRADING, AGGREGATE SLOPE PROTECTION PLACEMENT, AND PAVEMENT MARKING APPLICATION.

AREAS CLOSED TO AIRCRAFT OPERATIONS:
RUNWAY 7L–25R CLOSED NIGHTLY.
TAXIWAY A WEST OF A5 CLOSED NIGHTLY.
TAXIWAY A4 CLOSED NIGHTLY.
TAXIWAY B WEST OF B5 CLOSED NIGHTLY.
TAXIWAY B3 CLOSED NIGHTLY.
TAXIWAY B4 CLOSED NIGHTLY.
RAMP 10 CLOSED NIGHTLY.

DURATION OF CLOSURES:
RUNWAY AND TAXIWAY RESTRICTIONS AND CLOSURES ARE EXPECTED NIGHTLY BETWEEN 2100 AND 0600 HOURS FOR THE ENTIRE PHASE DURATION.

ARFF ACCESS ROUTES:
THERE IS NO ARFF AT DVT. EMERGENCY ACCESS ROUTES MUST BE MAINTAINED.

CONSTRUCTION STAGING AND STOCKPILE AREAS:
CONTRACTOR STAGING AND STOCKPILE AREAS ARE SHOWN ON THE PROJECT LAYOUT PLAN SHEET GI–401.

IMPACTS TO NAVAIDS:
THERE IS NO ANTICIPATED IMPACT TO NAVAIDS DURING THIS PHASE OF CONSTRUCTION.

LIGHTING, MARKING, AND SIGNING CHANGES:
AFFECTED TAXIWAY LOCATION AND DIRECTION SIGNS SHALL BE OBSCURED AS REQUIRED FOR THE CLOSURE. ELEVATED TAXIWAY EDGE LIGHTS FOR CLOSED SECTIONS OF TAXIWAY SHALL BE COVERED SO THAT NO LIGHT IS OBSERVED DURING THE CLOSURE.

AVAILABLE RUNWAY LENGTH:
EXISTING AVAILABLE RUNWAY LENGTHS WILL BE MAINTAINED. NO REDUCTIONS TO THE EXISTING ADG ARE ANTICIPATED.

REQUIRED HAZARD MARKING, LIGHTING, AND SIGNING:
TAXIWAYS SHALL BE CLOSED USING LOW PROFILE BARRICADES WITH RED (STEADY OR FLASHING) LIGHTS MOUNTED ON THE BARRICADE SPACED NO MORE THAN 10–FEET.

WORK ZONE LIGHTING FOR NIGHTTIME CONSTRUCTION:
LIGHTING EQUIPMENT MUST ADEQUATELY ILLUMINATE THE WORK AREA AND SHALL BE DIRECTED AWAY FROM THE ATCT. ALL SUPPORT EQUIPMENT, EXCEPT HAUL TRUCKS, SHALL BE EQUIPPED WITH ARTIFICIAL ILLUMINATION.

LEAD TIMES REQUIRED FOR NOTIFICATIONS:
THE CONTRACTOR IS REQUIRED TO NOTIFY AIRPORT OPERATIONS A MINIMUM OF 72 HOURS IN ADVANCE TO PROVIDE REQUIRED NOTIFICATIONS.

LEGEND

- PHASE 3
- CONTRACTOR STAGING/STOCKPILE AREA
- EMPLOYEE PARKING AREA
- LOW PROFILE BARRICADES AT 10 FT SPACING
- RUNWAY CLOSURE MARKER
- TAXIWAY CLOSURE MARKER
- HAUL ROUTE

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3–04–0028–XXX–TBD

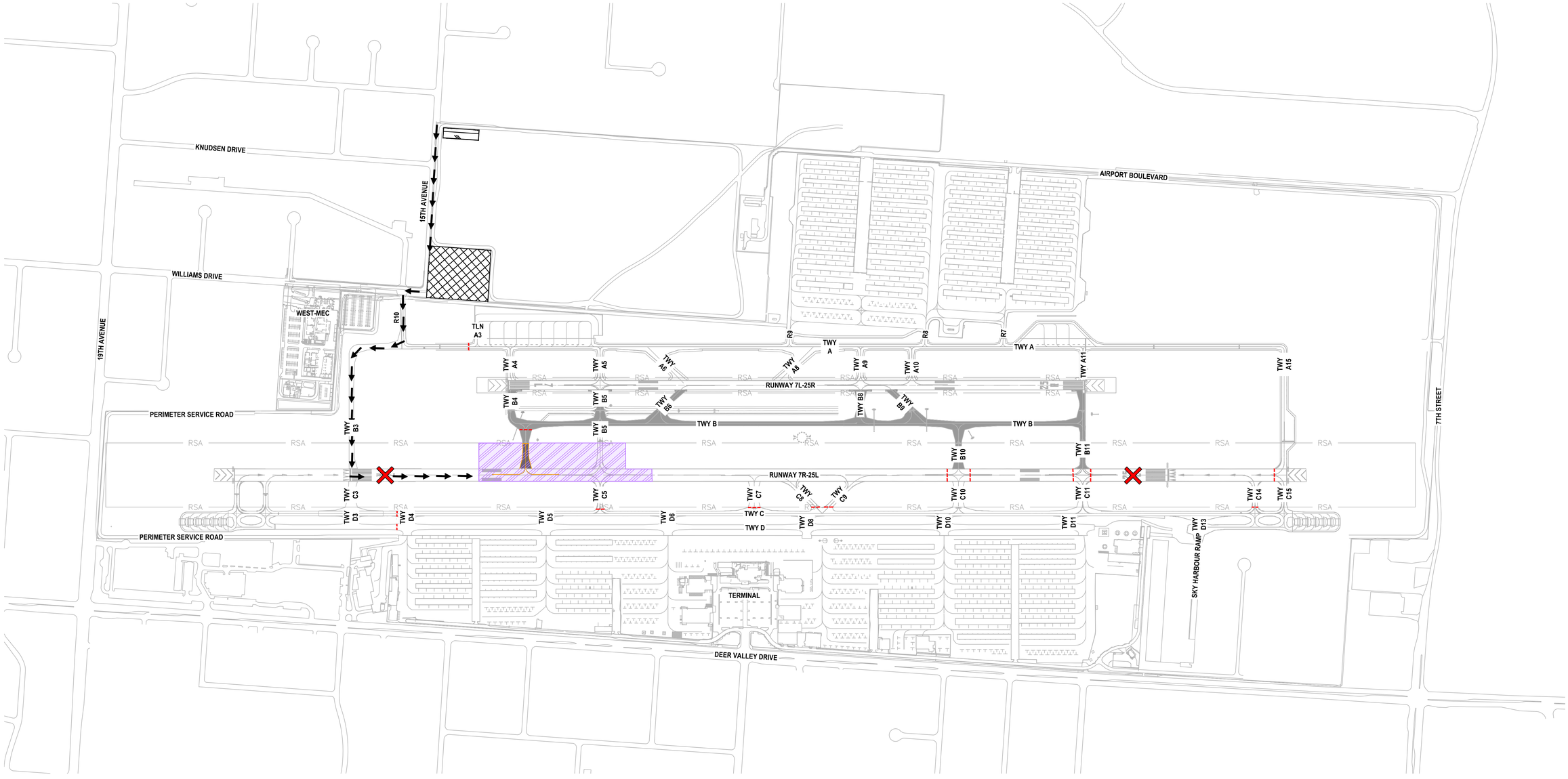
SHEET OVERVIEW TITLE

CONSTRUCTION SAFETY & PHASING PLAN - PHASE 3

SHEET REFERENCE NUMBER:
GC-104

SHEET 14 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092–1–GC–104–GMP4.dwg – Feb 26,2026 3:27pm



PHASE 4 ELEMENTS:
PHASE 4 ACTIVITIES GENERALLY CONSIST OF CRUSHED AGGREGATE SLOPE PROTECTION REMOVAL, UNCLASSIFIED EXCAVATION, SAWCUT AND REMOVAL OF EXISTING ASPHALT CONCRETE PAVEMENT, PAVEMENT MARKING OBLITERATION, EXCAVATION AND INSTALLATION OF ELECTRICAL INFRASTRUCTURE, GRADING, CONSTRUCTION OF NEW ASPHALT CONCRETE PAVEMENT, AGGREGATE SLOPE PROTECTION PLACEMENT, AND PAVEMENT MARKING APPLICATION.

AREAS CLOSED TO AIRCRAFT OPERATIONS:
RUNWAY 7R–25L CLOSED NIGHTLY.
TAXIWAY A WEST OF TAXILANE A3 CLOSED NIGHTLY.
TAXIWAY B3 CLOSED NIGHTLY.
TAXIWAY B4 SOUTH CLOSED NIGHTLY.
TAXIWAY C WEST OF TAXIWAY D4 CLOSED NIGHTLY.
TAXIWAY C5 CLOSED NIGHTLY.
TAXIWAY C7 CLOSED NIGHTLY.
TAXIWAY C8 CLOSED NIGHTLY.
TAXIWAY C9 CLOSED NIGHTLY.
TAXIWAY C14 CLOSED NIGHTLY.
TAXIWAY D WEST OF D4 CLOSED NIGHTLY.
RAMP 10 CLOSED NIGHTLY.

DURATION OF CLOSURES:
RUNWAY AND TAXIWAY RESTRICTIONS AND CLOSURES ARE EXPECTED NIGHTLY BETWEEN 2100 AND 0600 HOURS FOR THE ENTIRE PHASE DURATION.

ARFF ACCESS ROUTES:
THERE IS NO ARFF AT DVT. EMERGENCY ACCESS ROUTES MUST BE MAINTAINED.
CONSTRUCTION STAGING AND STOCKPILE AREAS:
CONTRACTOR STAGING AND STOCKPILE AREAS ARE SHOWN ON THE PROJECT LAYOUT PLAN SHEET GI–401.

IMPACTS TO NAVAIDS:
THERE IS NO ANTICIPATED IMPACT TO NAVAIDS DURING THIS PHASE OF CONSTRUCTION.

LIGHTING, MARKING, AND SIGNING CHANGES:
AFFECTED TAXIWAY LOCATION AND DIRECTION SIGNS SHALL BE OBSCURED AS REQUIRED FOR THE CLOSURE. ELEVATED TAXIWAY EDGE LIGHTS FOR CLOSED SECTIONS OF TAXIWAY SHALL BE COVERED SO THAT NO LIGHT IS OBSERVED DURING THE CLOSURE.

AVAILABLE RUNWAY LENGTH:
EXISTING AVAILABLE RUNWAY LENGTHS WILL BE MAINTAINED. NO REDUCTIONS TO THE EXISTING ADG ARE ANTICIPATED.

REQUIRED HAZARD MARKING, LIGHTING, AND SIGNING:
TAXIWAYS SHALL BE CLOSED USING LOW PROFILE BARRICADES WITH RED (STEADY OR FLASHING) LIGHTS MOUNTED ON THE BARRICADE SPACED NO MORE THAN 10–FEET.

WORK ZONE LIGHTING FOR NIGHTTIME CONSTRUCTION:
LIGHTING EQUIPMENT MUST ADEQUATELY ILLUMINATE THE WORK AREA AND SHALL BE DIRECTED AWAY FROM THE ATCT. ALL SUPPORT EQUIPMENT, EXCEPT HAUL TRUCKS, SHALL BE EQUIPPED WITH ARTIFICIAL ILLUMINATION.

LEAD TIMES REQUIRED FOR NOTIFICATIONS:
THE CONTRACTOR IS REQUIRED TO NOTIFY AIRPORT OPERATIONS A MINIMUM OF 72 HOURS IN ADVANCE TO PROVIDE REQUIRED NOTIFICATIONS.

LEGEND

- PHASE 4
- CONTRACTOR STAGING/STOCKPILE AREA
- EMPLOYEE PARKING AREA
- LOW PROFILE BARRICADES AT 10 FT SPACING
- RUNWAY CLOSURE MARKER
- TAXIWAY CLOSURE MARKER
- HAUL ROUTE

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0 400' 800'

SCALE:1"=400'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

CONSTRUCTION SAFETY & PHASING PLAN - PHASE 4

SHEET REFERENCE NUMBER:
GC-105

SHEET 15 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\Design\Dwg\Dwg\ AV31000092–1–GC–105–GMP4.dwg – Feb 26,2026, 3:28pm

NOTE: BARRICADES AND THEIR PLACEMENT SHALL MEET THE REQUIREMENTS OF FAA AC 150/5370-2G OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.

A GC-501 **LOW PROFILE BARRICADE - TYPE 1 (TWO FLASHING RED LIGHTS)**
NTS

NOTE: BARRICADES AND THEIR PLACEMENT SHALL MEET THE REQUIREMENTS OF FAA AC 150/5370-2G OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.

B GC-501 **VERTICAL PANEL BARRICADE (FLASHING RED LIGHT)**
NTS

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT GYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

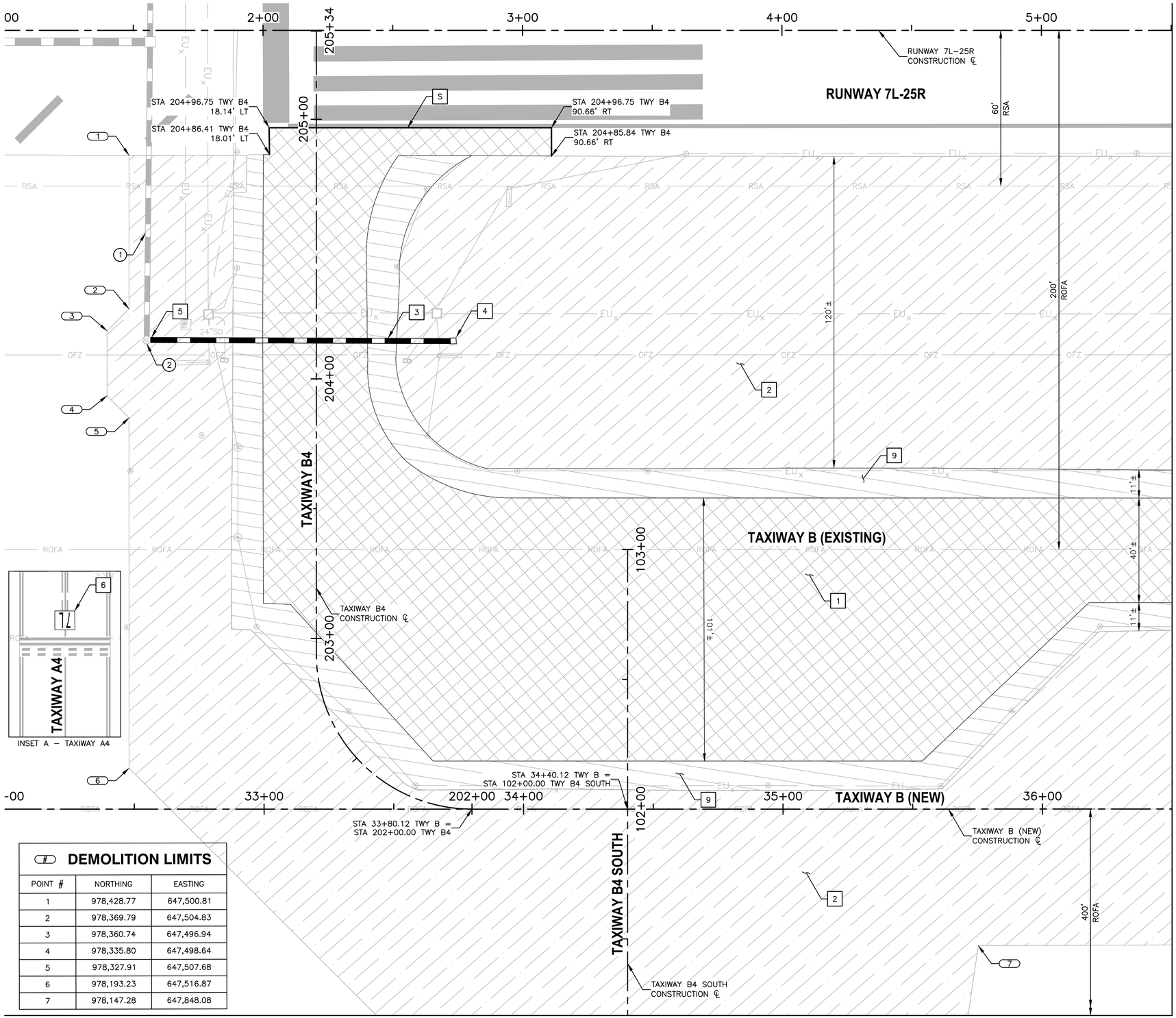
AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

CONSTRUCTION PHASING DETAILS

SHEET REFERENCE NUMBER:
GC-501

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-GC-501-GMP4.dwg - Feb 26,2026 9:30am



DEMOLITION LIMITS

POINT #	NORTHING	EASTING
1	978,428.77	647,500.81
2	978,369.79	647,504.83
3	978,360.74	647,496.94
4	978,335.80	647,498.64
5	978,327.91	647,507.68
6	978,193.23	647,516.87
7	978,147.28	647,848.08

REMOVAL NOTES

1. REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 11") (P–101)
2. REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP–37)
3. REMOVE EXISTING 24" STORM DRAIN PIPE, BACKFILL AND COMPACT
4. REMOVE EXISTING CATCH BASIN, BACKFILL AND COMPACT
5. CUT AND PLUG EXISTING STORM DRAIN PER MAG STD DTL 427
6. OBLITERATE EXISTING PAVEMENT MARKING
9. REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 2") (P–101)

S SAWCUT EXISTING AC PAVEMENT FULL DEPTH

FULL DEPTH ASPHALT PAVEMENT REMOVAL

CRUSHED AGGREGATE SLOPE PROTECTION

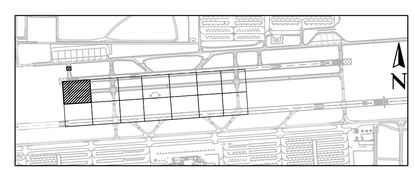
FULL DEPTH ASPHALT SHOULDER PAVEMENT REMOVAL

REFERENCE NOTES

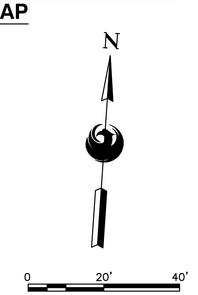
(1) EXISTING STORM DRAIN PIPE, PROTECT IN PLACE

(2) EXISTING STORM DRAIN MANHOLE, PROTECT IN PLACE

1. SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2. SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3. STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYW
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3–04–0028–XXX–TBD

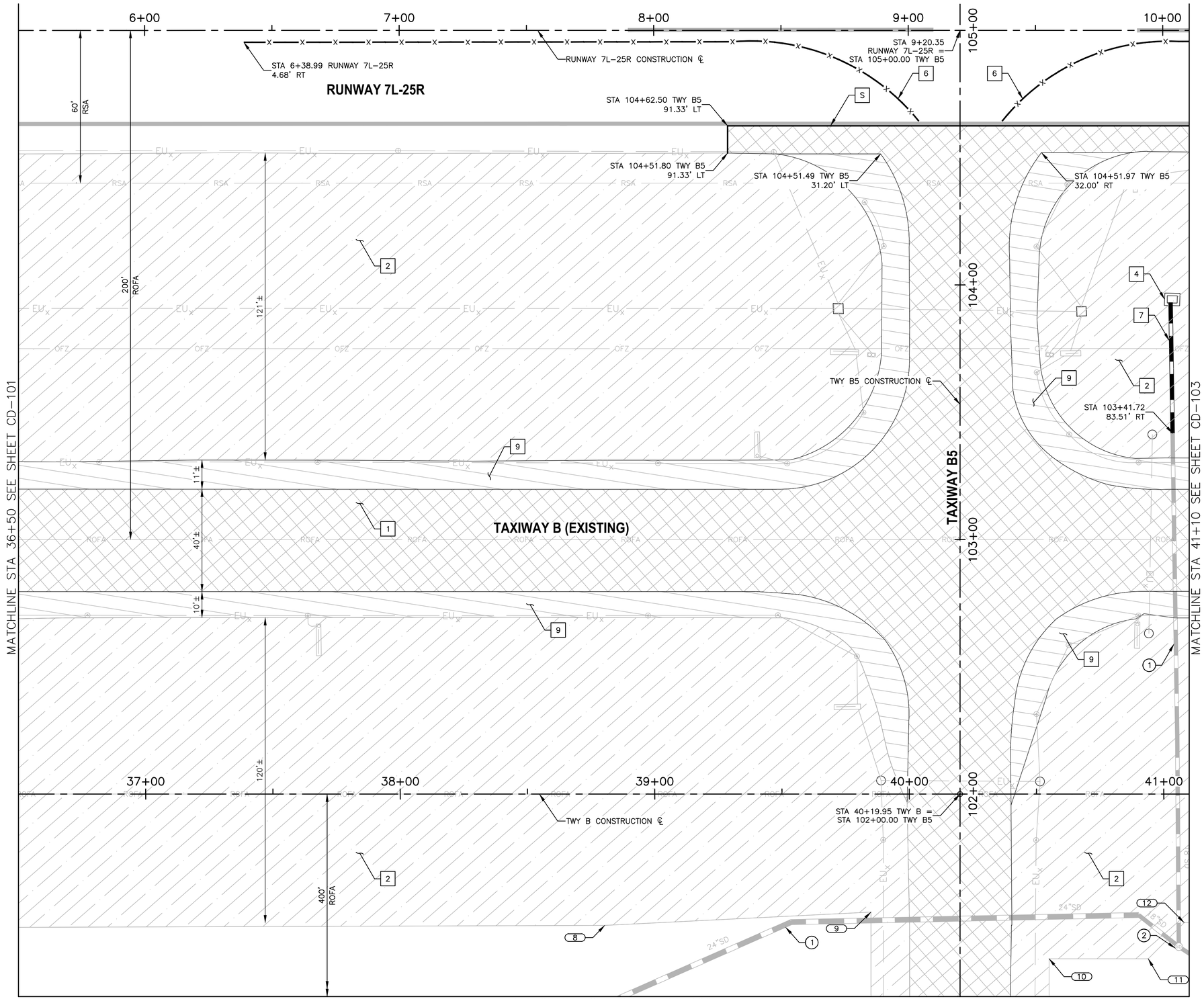
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER: CD-101

SHEET 17 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CD-101-GMP4.dwg – Feb 27,2026 11:30am



REMOVAL NOTES

1	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 11") (P–101)
2	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP–37)
4	REMOVE EXISTING CATCH BASIN, BACKFILL AND COMPACT
6	OBLITERATE EXISTING PAVEMENT MARKING
7	REMOVE EXISTING 18" STORM DRAIN PIPE, BACKFILL AND COMPACT
9	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 2") (P–101)
S	SAWCUT EXISTING AC PAVEMENT FULL DEPTH

FULL DEPTH ASPHALT PAVEMENT REMOVAL

CRUSHED AGGREGATE SLOPE PROTECTION

FULL DEPTH ASPHALT SHOULDER PAVEMENT REMOVAL

REFERENCE NOTES

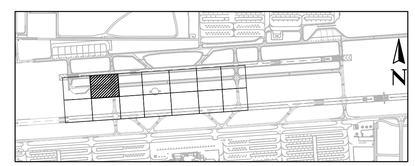
(1) EXISTING STORM DRAIN PIPE, PROTECT IN PLACE

(2) EXISTING STORM DRAIN MANHOLE, PROTECT IN PLACE

1. SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2. SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3. STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.

(#) DEMOLITION LIMITS

POINT #	NORTHING	EASTING
8	978,169.05	648,152.38
9	978,181.36	648,256.38
10	978,167.86	648,327.46
11	978,170.50	648,366.29
12	978,185.57	648,379.43



KEY MAP

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N

0 20' 40'

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3–04–0028–XXX–TBD

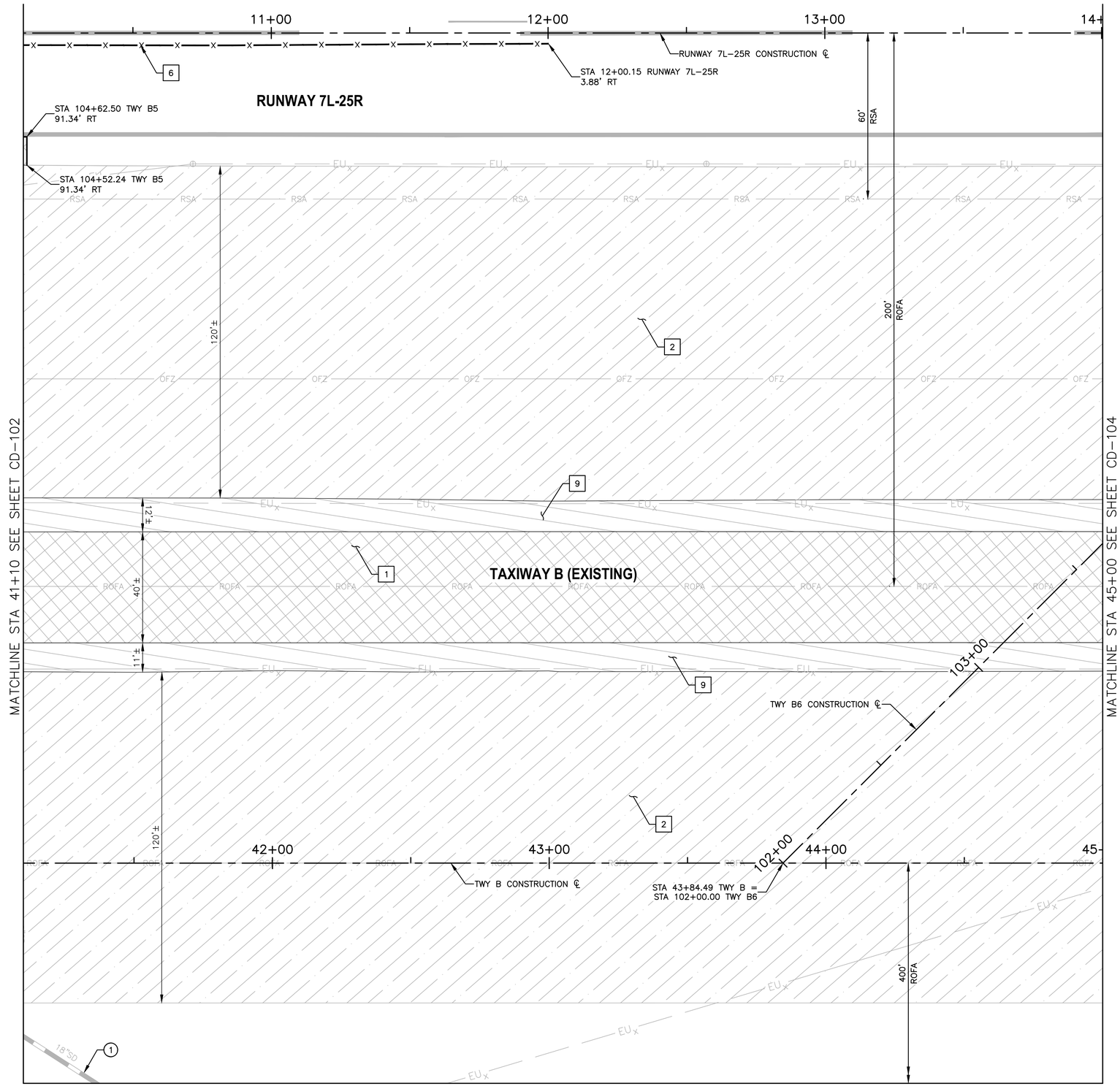
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER: CD-102

SHEET 18 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092–1–CD–102–GMP4.dwg – Feb 27,2026 11:28am



REMOVAL NOTES

1	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 11") (P-101)
2	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP-37)
6	OBLITERATE EXISTING PAVEMENT MARKING
9	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 2") (P-101)

FULL DEPTH ASPHALT PAVEMENT REMOVAL

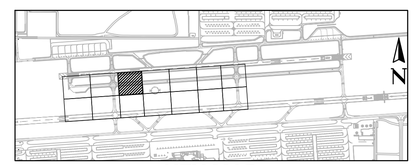
CRUSHED AGGREGATE SLOPE PROTECTION

FULL DEPTH ASPHALT SHOULDER PAVEMENT REMOVAL

REFERENCE NOTES

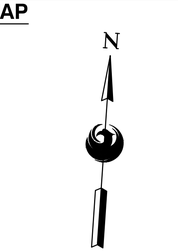
(1) EXISTING STORM DRAIN PIPE, PROTECT IN PLACE

1. SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2. SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3. STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com



SCALE:1"=20'

PRIME CONSULTANT: TRACE CONSULTING, 1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034
SUB CONSULTANT

90% SUBMITTAL
PRELIMINARY NOT FOR CONSTRUCTION

"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX"

NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BY
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

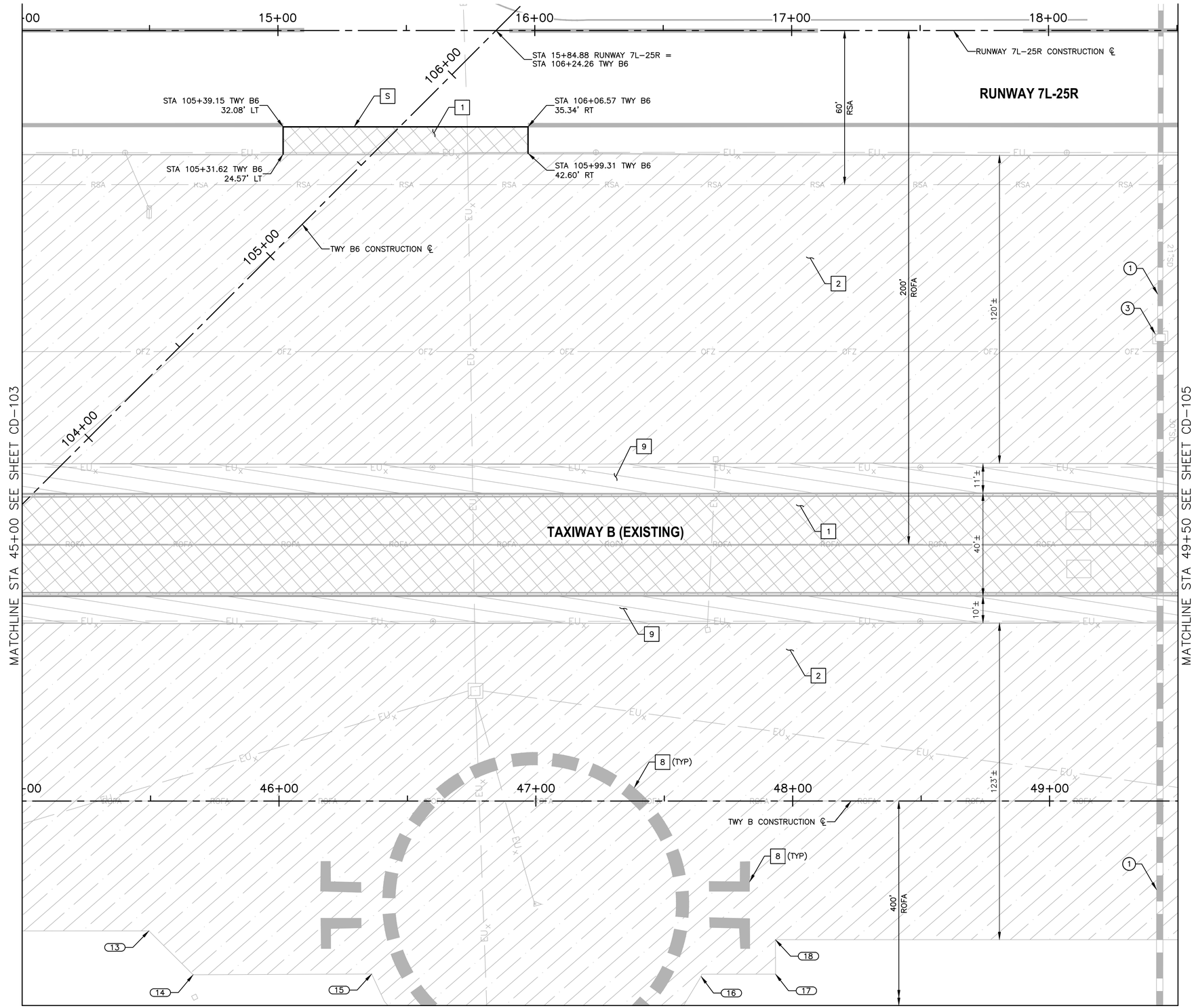
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
CD-103

SHEET 19 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CD-103-GMP4.dwg - Feb 26,2026 9:33am



REMOVAL NOTES

1	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 11") (P–101)
2	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP–37)
8	REMOVE REINFORCED CONCRETE SEGMENTED CIRCLE
9	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 2") (P–101)
S	SAWCUT EXISTING AC PAVEMENT FULL DEPTH

FULL DEPTH ASPHALT PAVEMENT REMOVAL

CRUSHED AGGREGATE SLOPE PROTECTION

FULL DEPTH ASPHALT SHOULDER PAVEMENT REMOVAL

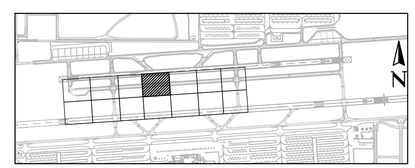
REFERENCE NOTES

(1)	EXISTING STORM DRAIN PIPE, PROTECT IN PLACE
(3)	EXISTING CATCH BASIN, PROTECT IN PLACE

1. SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2. SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3. STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.

DEMOLITION LIMITS

#	NORTHING	EASTING
13	978,215.60	648,819.76
14	978,199.73	648,838.10
15	978,204.74	648,907.40
16	978,212.51	649,035.46
17	978,215.38	649,064.30
18	978,228.75	649,063.33



KEY MAP

SCALE:1"=20'

Contact Arizona 811 at least two full working days before you begin excavation
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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYW
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

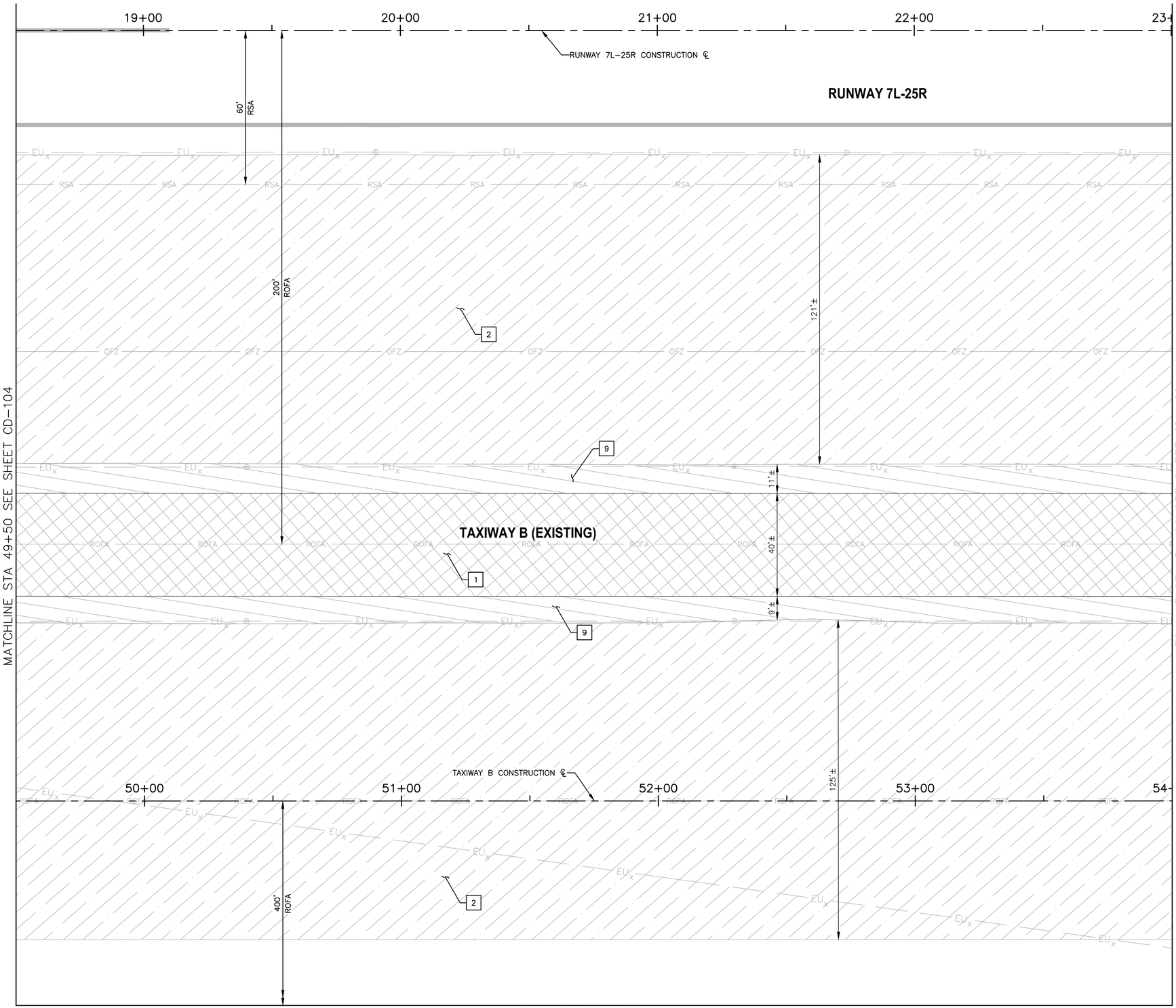
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
CD-104

SHEET 20 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CD-104-GMP4.dwg – Feb 26,2026 9:34am



REMOVAL NOTES

1. REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 11") (P–101)
2. REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP–37)
9. REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 2") (P–101)

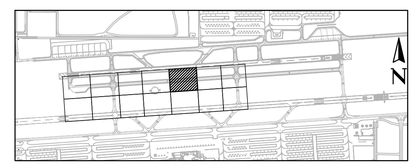
FULL DEPTH ASPHALT PAVEMENT REMOVAL

CRUSHED AGGREGATE SLOPE PROTECTION

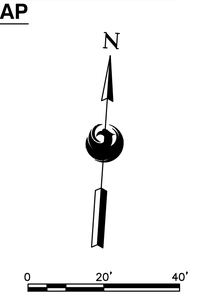
FULL DEPTH ASPHALT SHOULDER PAVEMENT REMOVAL

REFERENCE NOTES

1. SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2. SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3. STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYW
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3–04–0028–XXX–TBD

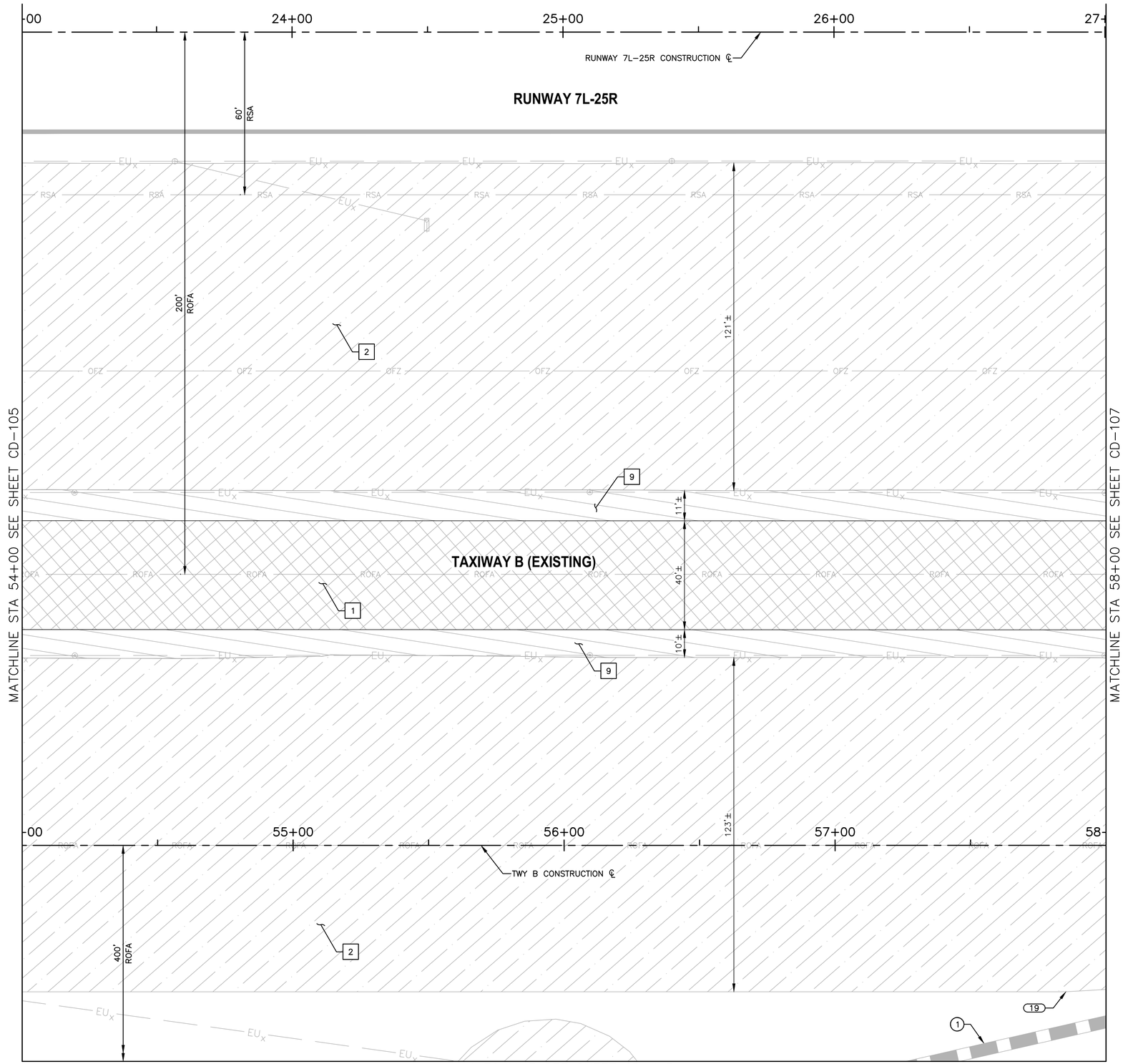
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
CD-105

SHEET 21 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CD-105-GMP4.dwg – Feb 26,2026 9:35am



REMOVAL NOTES

1	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 11") (P–101)
2	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP–37)
6	OBLITERATE EXISTING PAVEMENT MARKING
9	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 2") (P–101)

FULL DEPTH ASPHALT PAVEMENT REMOVAL

CRUSHED AGGREGATE SLOPE PROTECTION

FULL DEPTH ASPHALT SHOULDER PAVEMENT REMOVAL

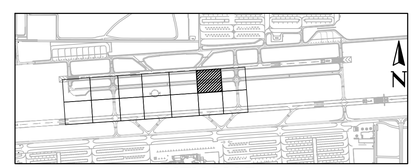
REFERENCE NOTES

(1) EXISTING STORM DRAIN PIPE, PROTECT IN PLACE

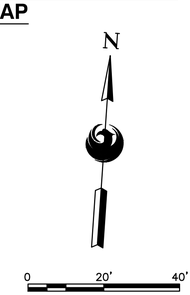
1. SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2. SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3. STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.

DEMOLITION LIMITS

POINT #	NORTHING	EASTING
19	978,296.23	650,052.96



KEY MAP



SCALE:1"=20'

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ARIZONA811
Call 811 or click Arizona811.com

PRIME CONSULTANT: TRACE CONSULTING, 1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034
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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BY
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

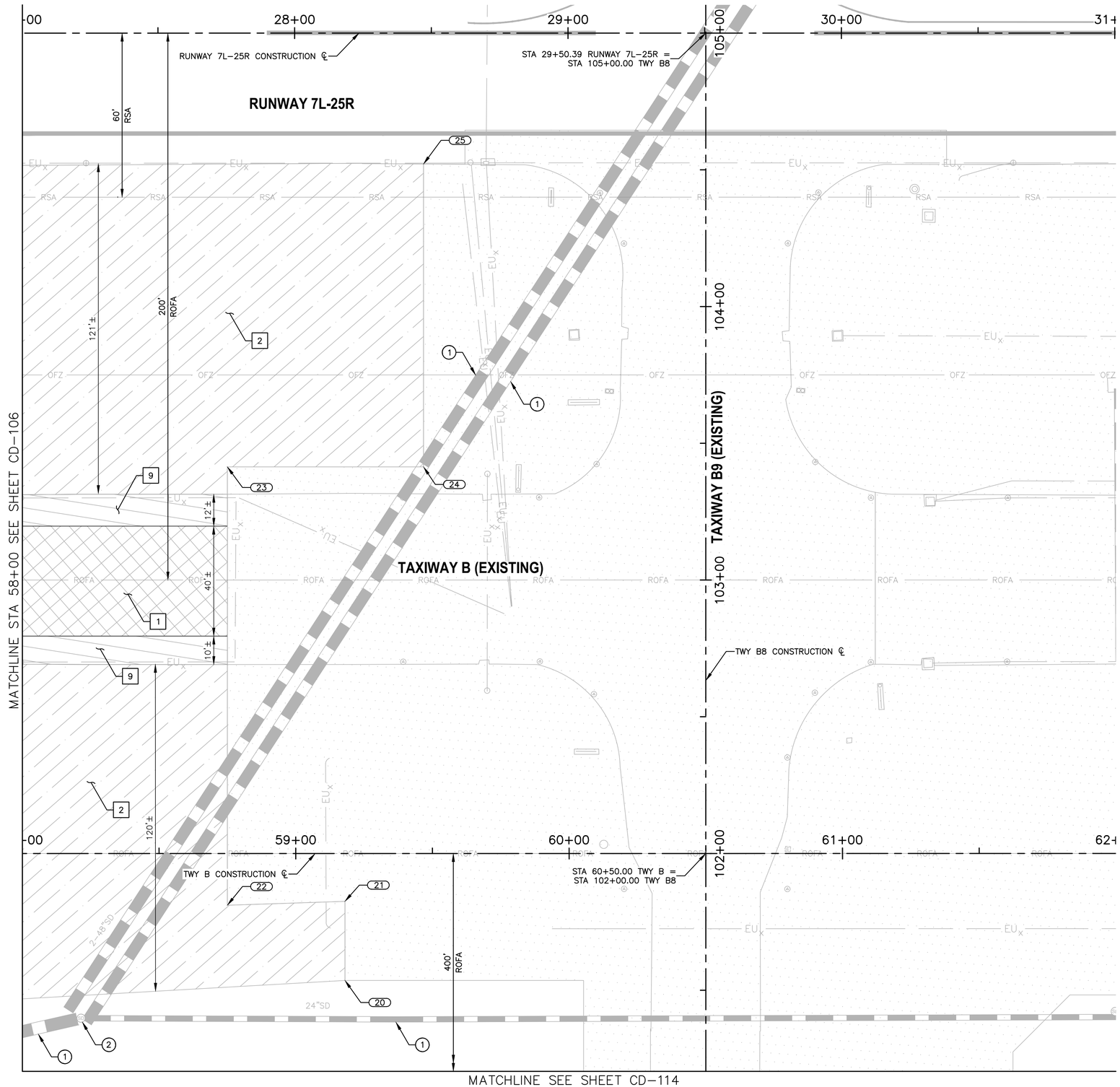
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
CD-106

SHEET 22 OF 161

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CD-106-GMP4.dwg – Feb 26,2026 9:37am



REMOVAL NOTES

1	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 11") (P–101)
2	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP–37)
6	OBLITERATE EXISTING PAVEMENT MARKING
9	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 2") (P–101)
S	SAWCUT EXISTING AC PAVEMENT FULL DEPTH

FULL DEPTH ASPHALT PAVEMENT REMOVAL

CRUSHED AGGREGATE SLOPE PROTECTION

FULL DEPTH ASPHALT SHOULDER PAVEMENT REMOVAL

REFERENCE PROJECT AV31000092 FAA GMP3

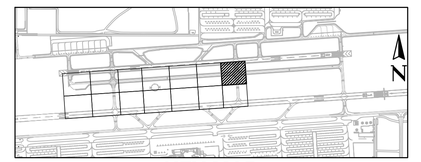
REFERENCE NOTES

(1)	EXISTING STORM DRAIN PIPE, PROTECT IN PLACE
(2)	EXISTING STORM DRAIN MANHOLE, PROTECT IN PLACE

1. SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2. SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3. STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.

(#) DEMOLITION LIMITS

POINT #	NORTHING	EASTING
20	978,312.83	650,184.95
21	978,341.68	650,182.97
22	978,337.34	650,140.17
23	978,497.26	650,129.27
24	978,502.14	650,200.86
25	978,612.64	650,193.32



KEY MAP

N

0 20' 40'

SCALE:1"=20'

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ARIZONA811
Call 811 or click Arizona811.com

PRIME CONSULTANT: TRACE CONSULTING, 1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3–04–0028–XXX–TBD

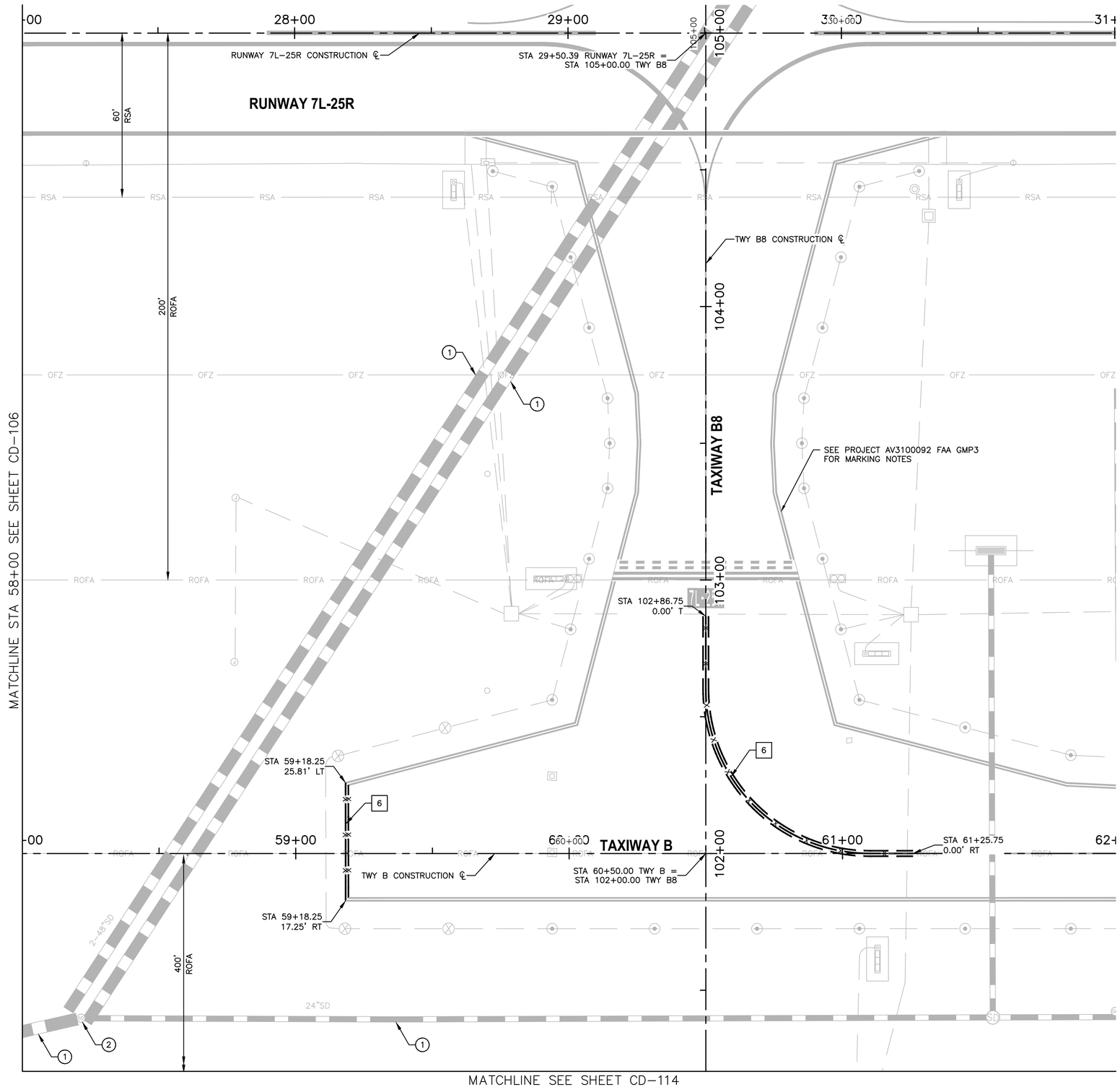
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER: CD-107

SHEET 23 OF 161

N:\2024\241104 — DVT Taxiway B Relocation GMP4\241104.07 — DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CD-107-GMP4.dwn — Feb 26,2026 9:38am



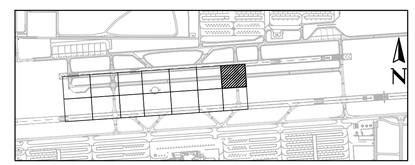
REMOVAL NOTES

6 OBLITERATE EXISTING PAVEMENT MARKING

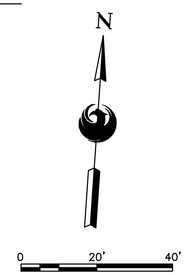
REFERENCE NOTES

1. EXISTING STORM DRAIN PIPE, PROTECT IN PLACE
2. EXISTING STORM DRAIN MANHOLE, PROTECT IN PLACE

1. SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2. SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3. STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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Call 811 or click Arizona811.com

PRIME CONSULTANT
TRACE CONSULTING
1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYH
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

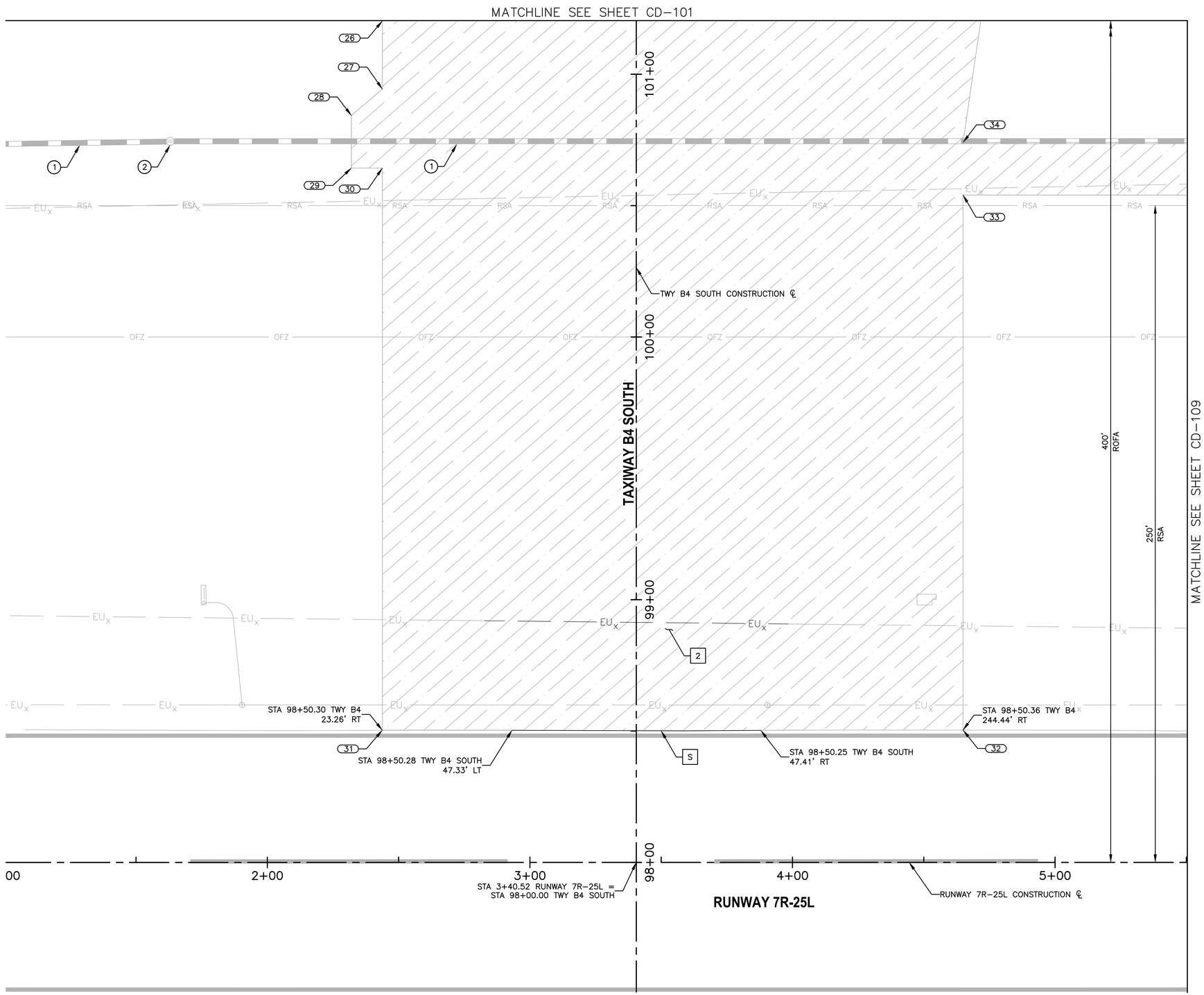
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
CD-107A

SHEET 24 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg_AV31000092-1-CD-107A-GMP4.dwg - Feb 26,2026 - 9:39am



REMOVAL NOTES

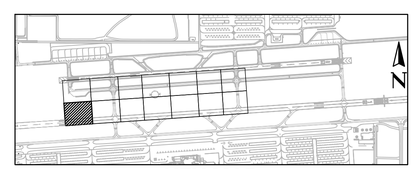
1	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 11") (P-101)
2	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP-37)
S	SAWCUT EXISTING AC PAVEMENT FULL DEPTH
	CRUSHED AGGREGATE SLOPE PROTECTION

REFERENCE NOTES

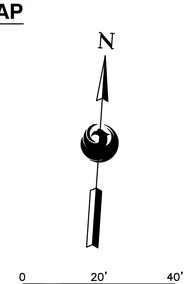
1	EXISTING STORM DRAIN PIPE, PROTECT IN PLACE
2	EXISTING STORM DRAIN MANHOLE, PROTECT IN PLACE
1.	SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2.	SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3.	STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.

DEMOLITION LIMITS

POINT #	NORTHING	EASTING
26	978,104.48	647,618.60
27	978,078.58	647,620.37
28	978,067.76	647,609.27
29	978,047.80	647,610.63
30	978,048.61	647,622.41
31	977,835.11	647,636.92
32	977,850.21	647,857.59
33	978,053.39	647,843.74
34	978,073.35	647,842.38



KEY MAP



SCALE:1"=20'

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PRIME CONSULTANT: TRACE CONSULTING, 1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034
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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

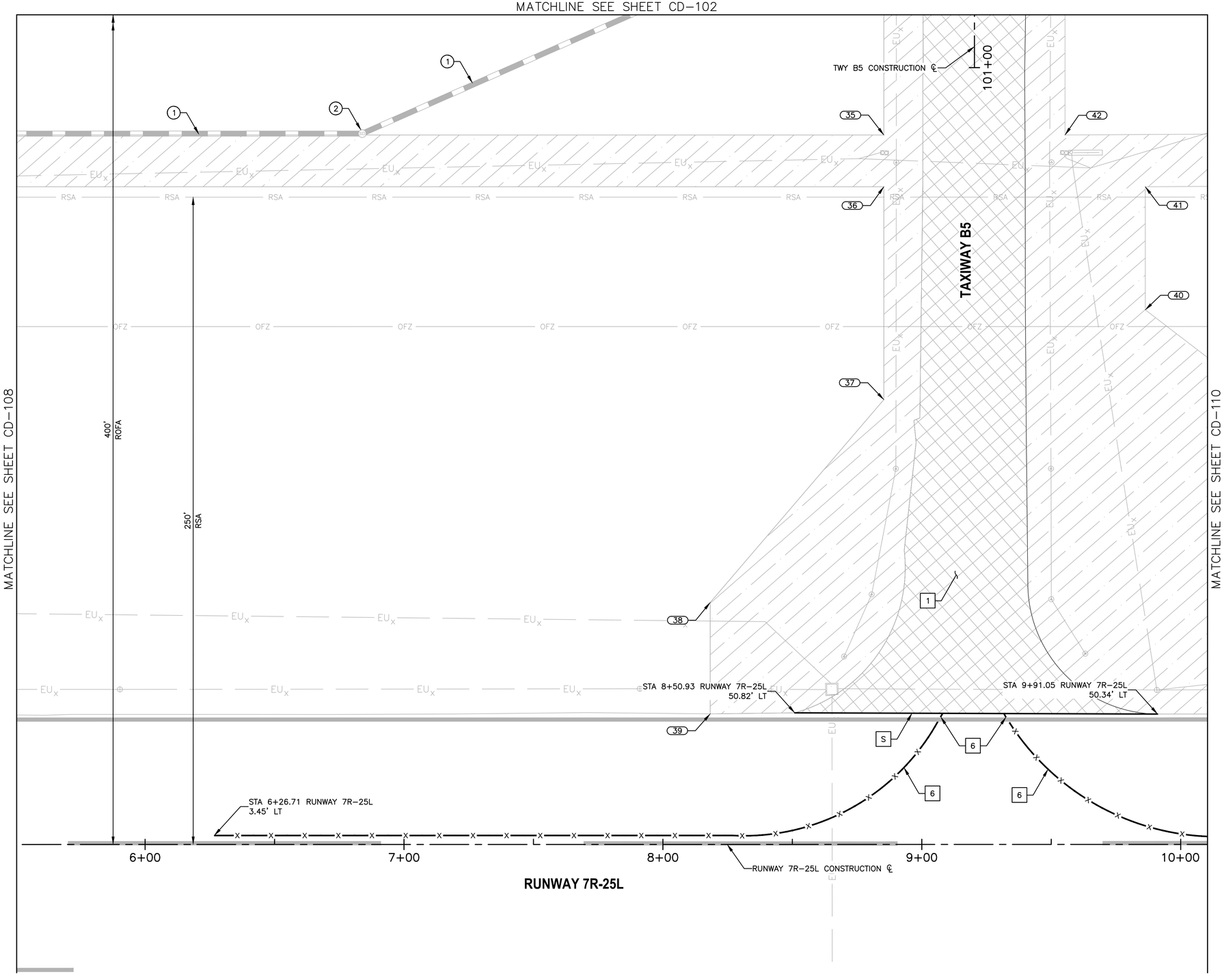
AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE
CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
CD-108

SHEET 25 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CD-108-GMP4.dwg - Feb 26,2026 9:40am



REMOVAL NOTES

1	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 11") (P-101)
6	OBLITERATE EXISTING PAVEMENT MARKING
S	SAWCUT EXISTING AC PAVEMENT FULL DEPTH
	FULL DEPTH ASPHALT PAVEMENT REMOVAL
	CRUSHED AGGREGATE SLOPE PROTECTION

REFERENCE NOTES

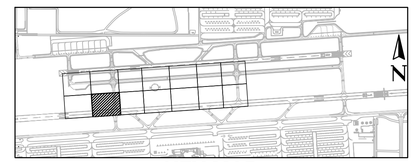
(1) EXISTING STORM DRAIN PIPE, PROTECT IN PLACE

(2) EXISTING STORM DRAIN MANHOLE, PROTECT IN PLACE

1. SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2. SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3. STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.

DEMOLITION LIMITS

POINT #	NORTHING	EASTING
35	978,101.92	648,261.79
36	978,081.96	648,263.15
37	977,999.95	648,268.75
38	977,917.24	648,207.16
39	977,874.31	648,210.09
40	978,041.41	648,367.15
41	978,088.83	648,363.91
42	978,106.68	648,331.63



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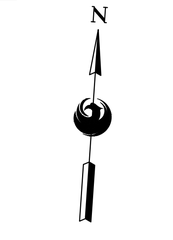

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYH

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

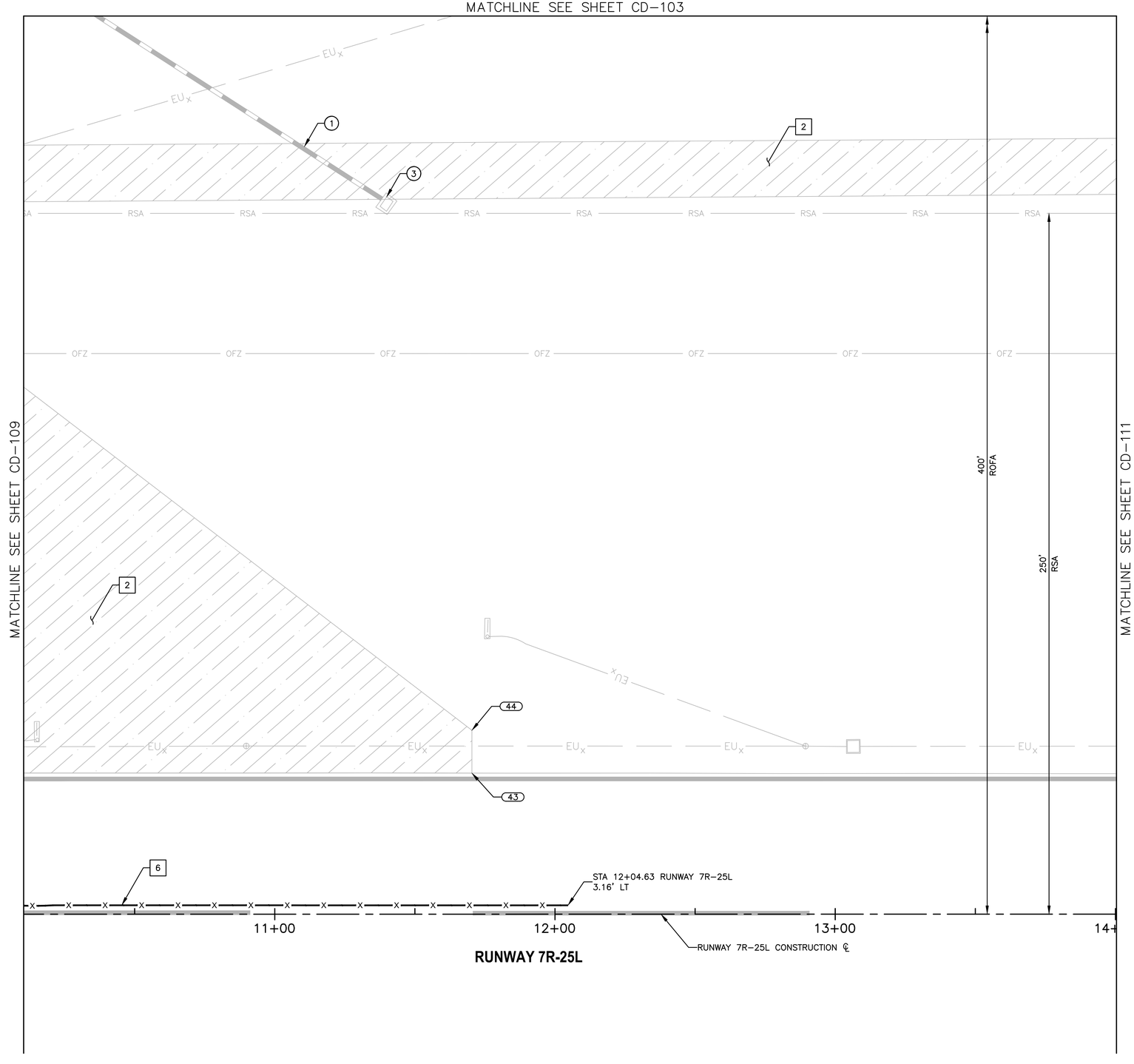
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER: CD-109

SHEET 26 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CD-109_GMP4.dwg - Feb 26,2026 9:41am



RUNWAY 7R-25L

REMOVAL NOTES

2	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP-37)
6	OBLITERATE EXISTING PAVEMENT MARKING (P-620)
	CRUSHED AGGREGATE SLOPE PROTECTION

REFERENCE NOTES

1	EXISTING STORM DRAIN PIPE, PROTECT IN PLACE
3	EXISTING CATCH BASIN, PROTECT IN PLACE
1.	SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2.	SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3.	STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.

DEMOLITION LIMITS

POINT #	NORTHING	EASTING
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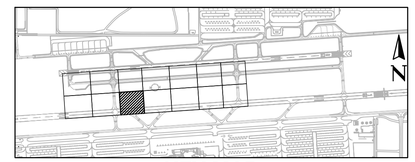
44	977,913.38	648,560.31



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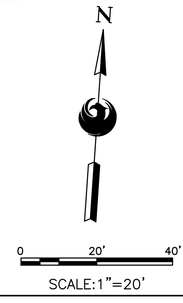

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
CD-110

N:\2024\241104 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CD-110_GMP4.dwg - Feb 26,2026 - 9:42am
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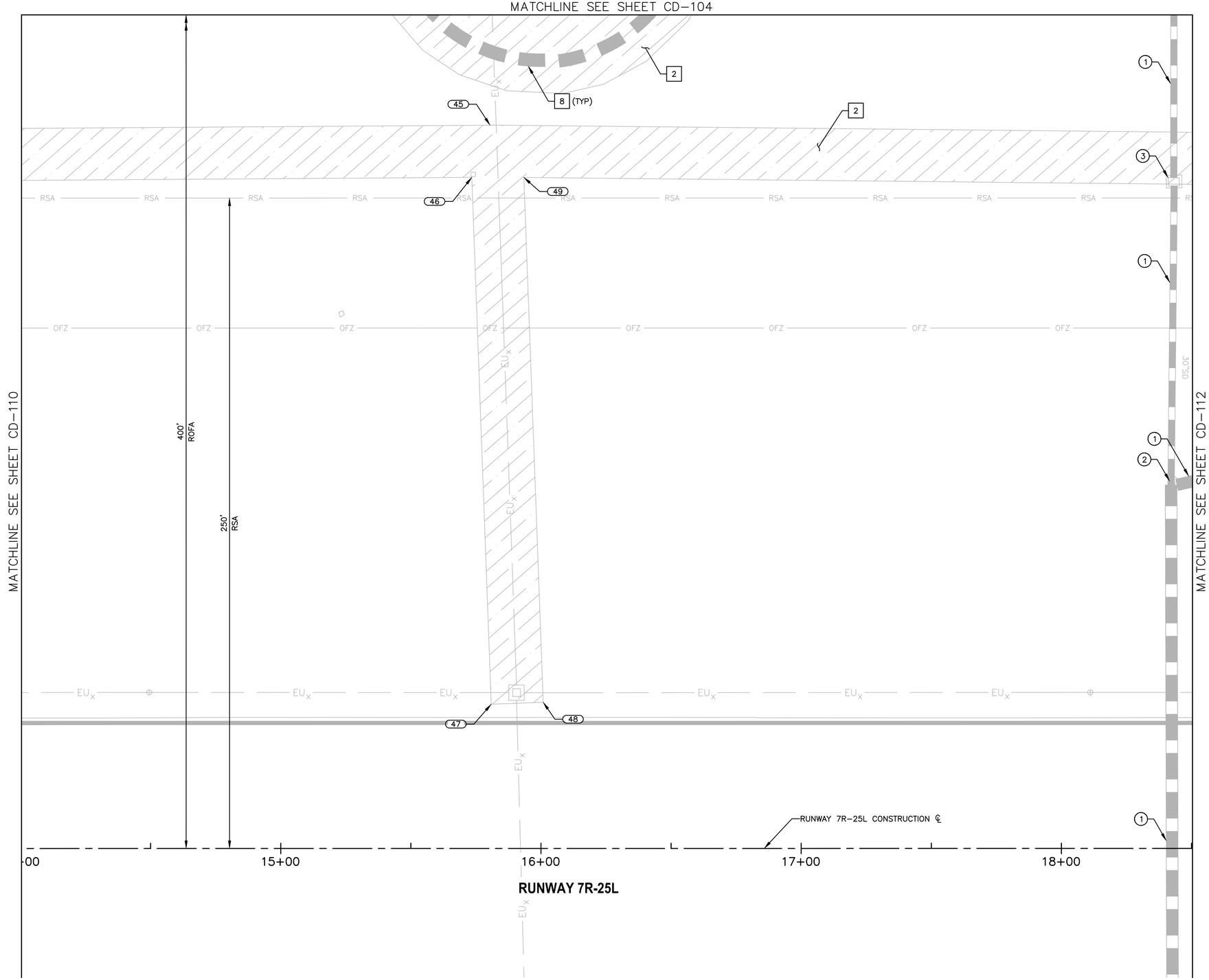


REMOVAL NOTES

2	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP-37)
8	REMOVE REINFORCED CONCRETE SEGMENTED CIRCLE
	CRUSHED AGGREGATE SLOPE PROTECTION

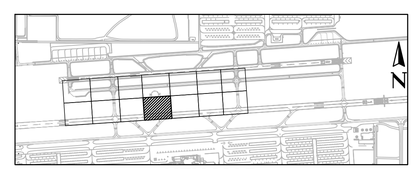
REFERENCE NOTES

1. EXISTING STORM DRAIN PIPE, PROTECT IN PLACE
2. EXISTING STORM DRAIN MANHOLE, PROTECT IN PLACE
3. EXISTING CATCH BASIN, PROTECT IN PLACE

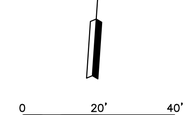
1. SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2. SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3. STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.

DEMOLITION LIMITS

POINT #	NORTHING	EASTING
45	978,153.17	648,955.01
46	978,132.69	648,949.37
47	977,931.19	648,970.59
48	977,933.29	648,990.48
49	978,134.02	648,969.34



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

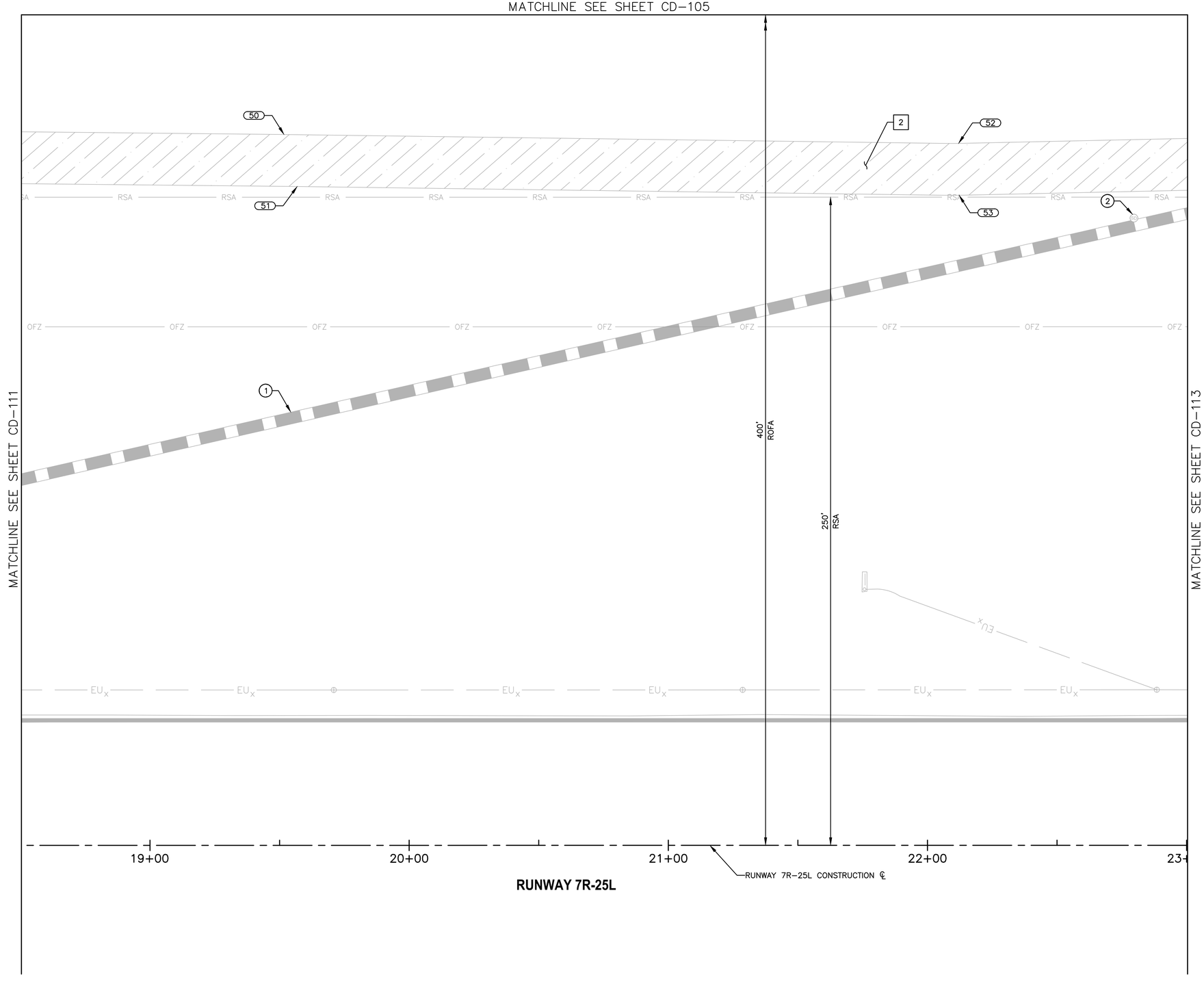
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
CD-111

SHEET 28 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CD-111-GMP4.dwg - Feb 26,2026 9:43am



REMOVAL NOTES

2	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP-37)

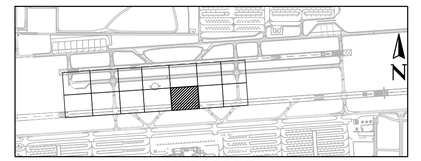
REFERENCE NOTES

1	EXISTING STORM DRAIN PIPE, PROTECT IN PLACE
2	EXISTING STORM DRAIN MANHOLE, PROTECT IN PLACE
1.	SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2.	SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3.	STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.

CRUSHED AGGREGATE SLOPE PROTECTION

DEMOLITION LIMITS

POINT #	NORTHING	EASTING
50	978,174.65	649,325.68
51	978,154.99	649,332.13
52	978,188.92	649,585.60
53	978,168.99	649,587.18



KEY MAP

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

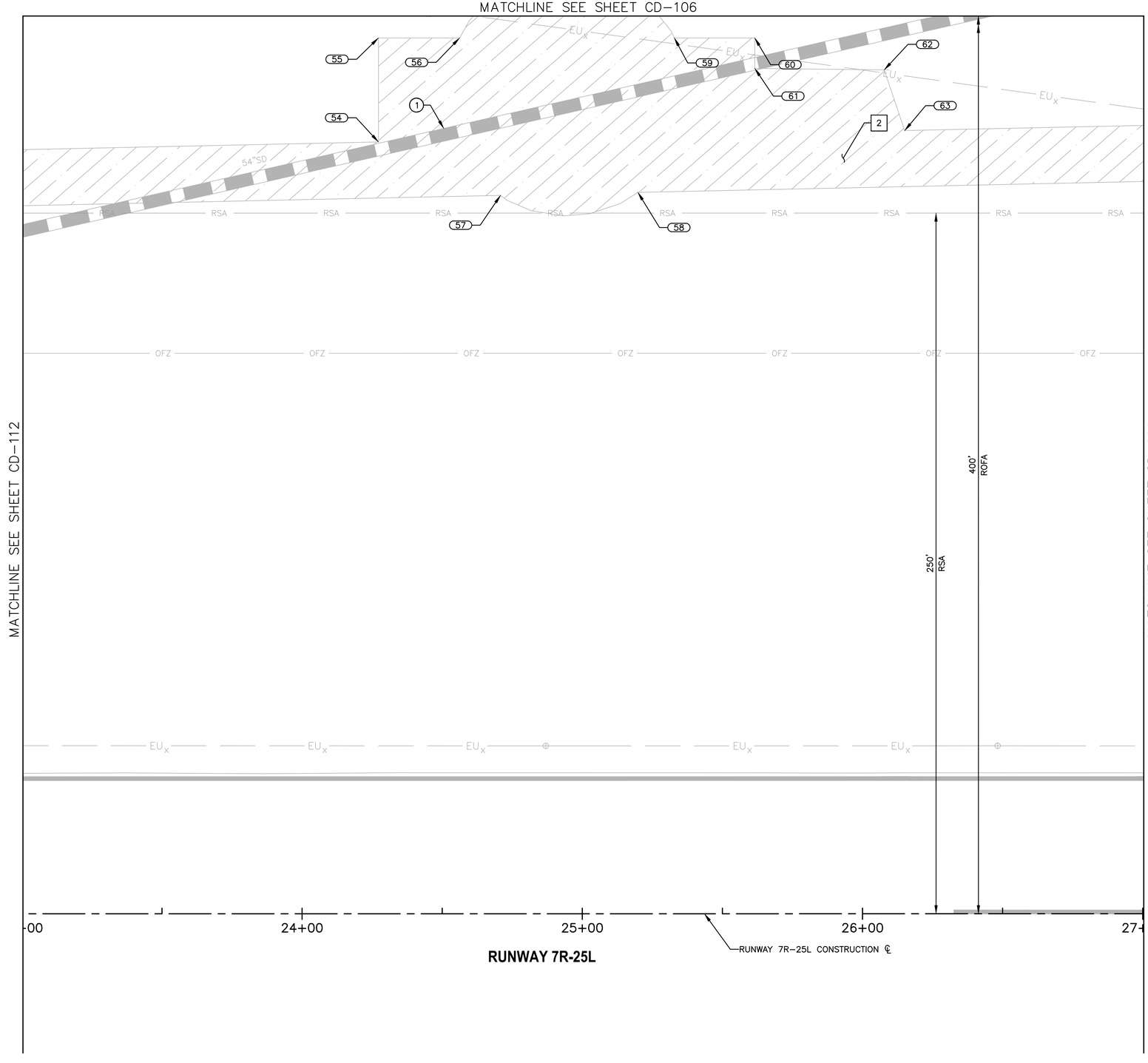
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER: **CD-112**

SHEET 29 OF 161

N:\2024\241104 - PVT Taxiway B Relocation GMP4\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CD-112-GMP4.dwg - Feb 26,2026 9:45am



REMOVAL NOTES

2	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP-37)

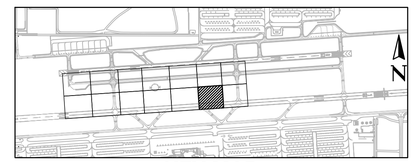
REFERENCE NOTES

(1)	EXISTING STORM DRAIN PIPE, PROTECT IN PLACE
1.	SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2.	SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3.	STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.

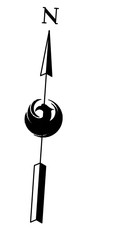
CRUSHED AGGREGATE SLOPE PROTECTION

DEMOLITION LIMITS

(#) POINT #	NORTHING	EASTING
54	978,208.20	649,800.04
55	978,245.23	649,797.52
56	978,247.20	649,826.41
57	978,192.15	649,844.80
58	978,196.54	649,893.66
59	978,252.42	649,902.87
60	978,254.37	649,931.50
61	978,243.53	649,932.24
62	978,246.13	649,978.38
63	978,225.03	649,987.14



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYK
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER: **CD-113**

SHEET 30 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CD-113-GMP4.dwg - Feb 26,2026 9:46am
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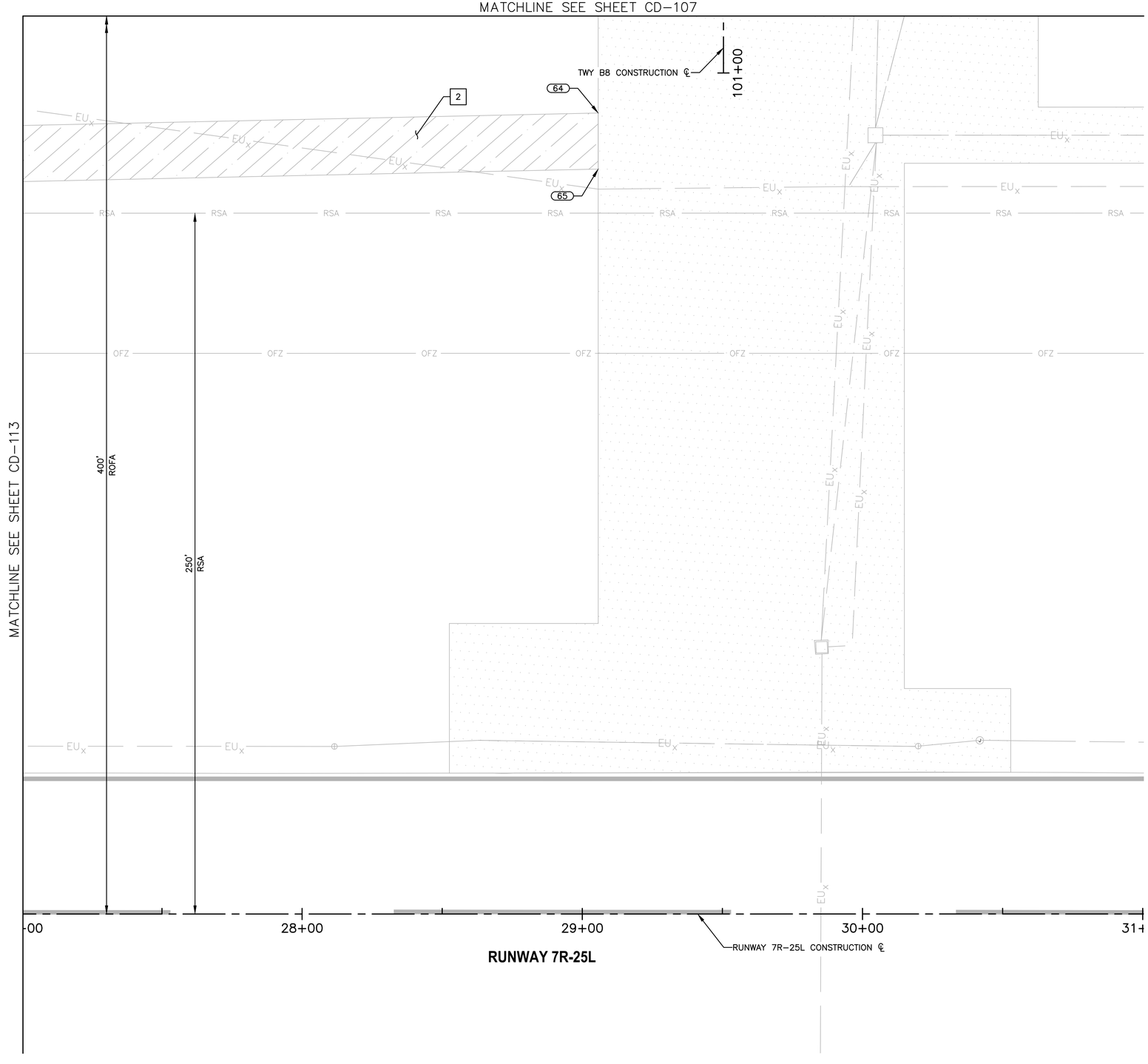


REMOVAL NOTES

1	REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH (UP TO 11") (P-101)
2	REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION (SP-37)
6	OBLITERATE EXISTING PAVEMENT MARKING
S	SAWCUT EXISTING AC PAVEMENT FULL DEPTH

CRUSHED AGGREGATE SLOPE PROTECTION

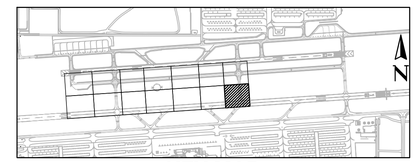
REFERENCE PROJECT AV31000092 FAA GMP3

REFERENCE NOTES

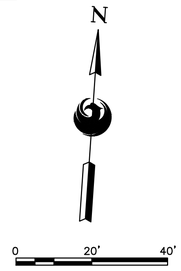
1. SEE ELECTRICAL DEMOLITION PLAN FOR ELECTRICAL ITEMS.
2. SEE GRADING AND DRAINAGE PLAN FOR GRADING LIMIT STATIONING.
3. STATIONING IS BASED ON NEW TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.

DEMOLITION LIMITS

POINT #	NORTHING	EASTING
64	978,251.05	650,276.65
65	978,231.10	650,278.01



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYH
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

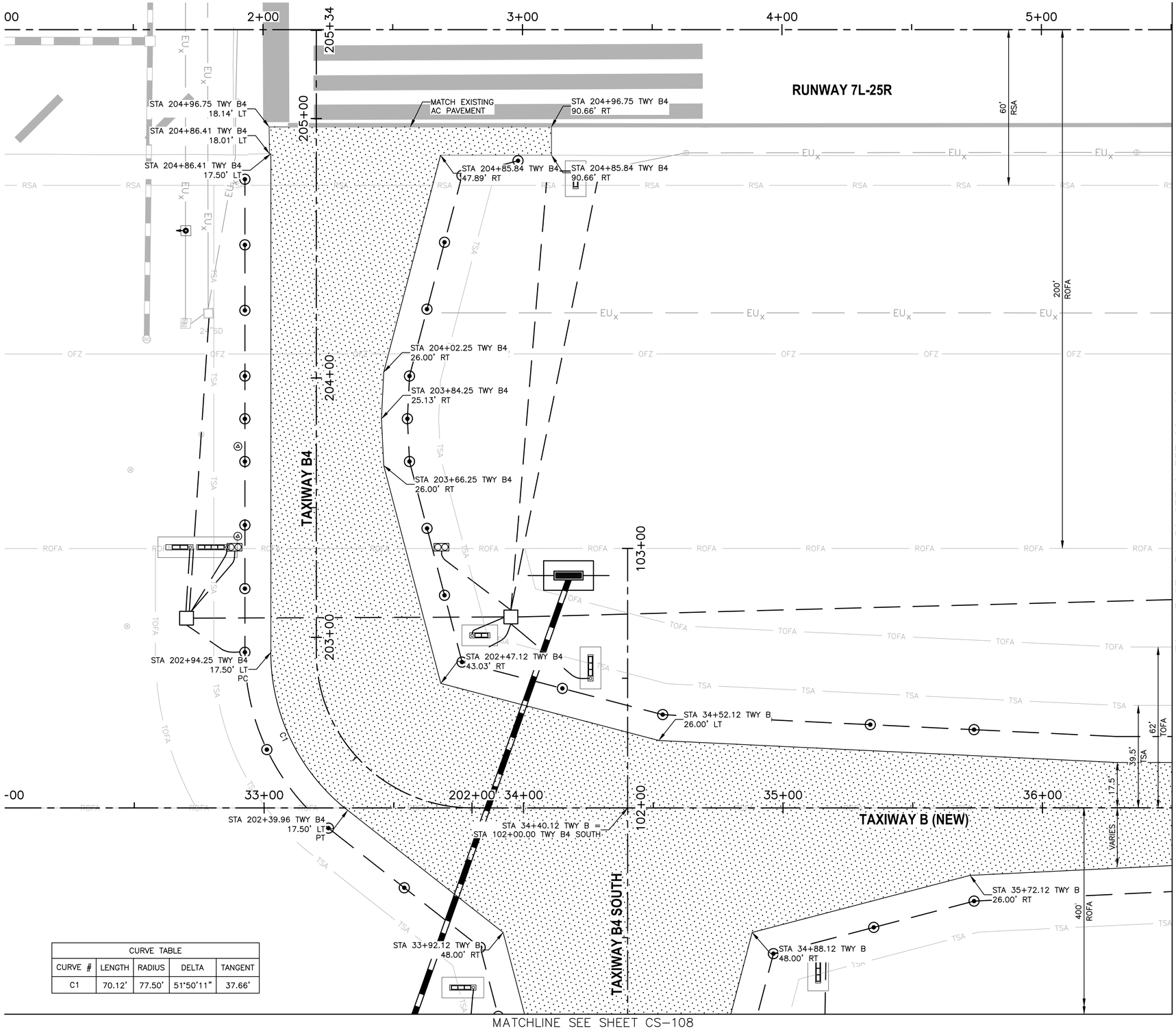
SHEET OVERVIEW TITLE

CIVIL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
CD-114

SHEET 31 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CD-114-GMP4.dwg - Feb 26,2026 9:47am

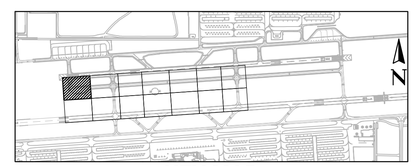


CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C1	70.12'	77.50'	51°50'11"	37.66'

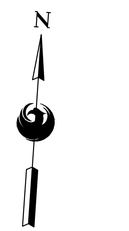
LEGEND

NEW ASPHALT TAXIWAY PAVEMENT. SEE TYPICAL SECTION 1 SHEET CS-301

REFERENCE NOTES



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

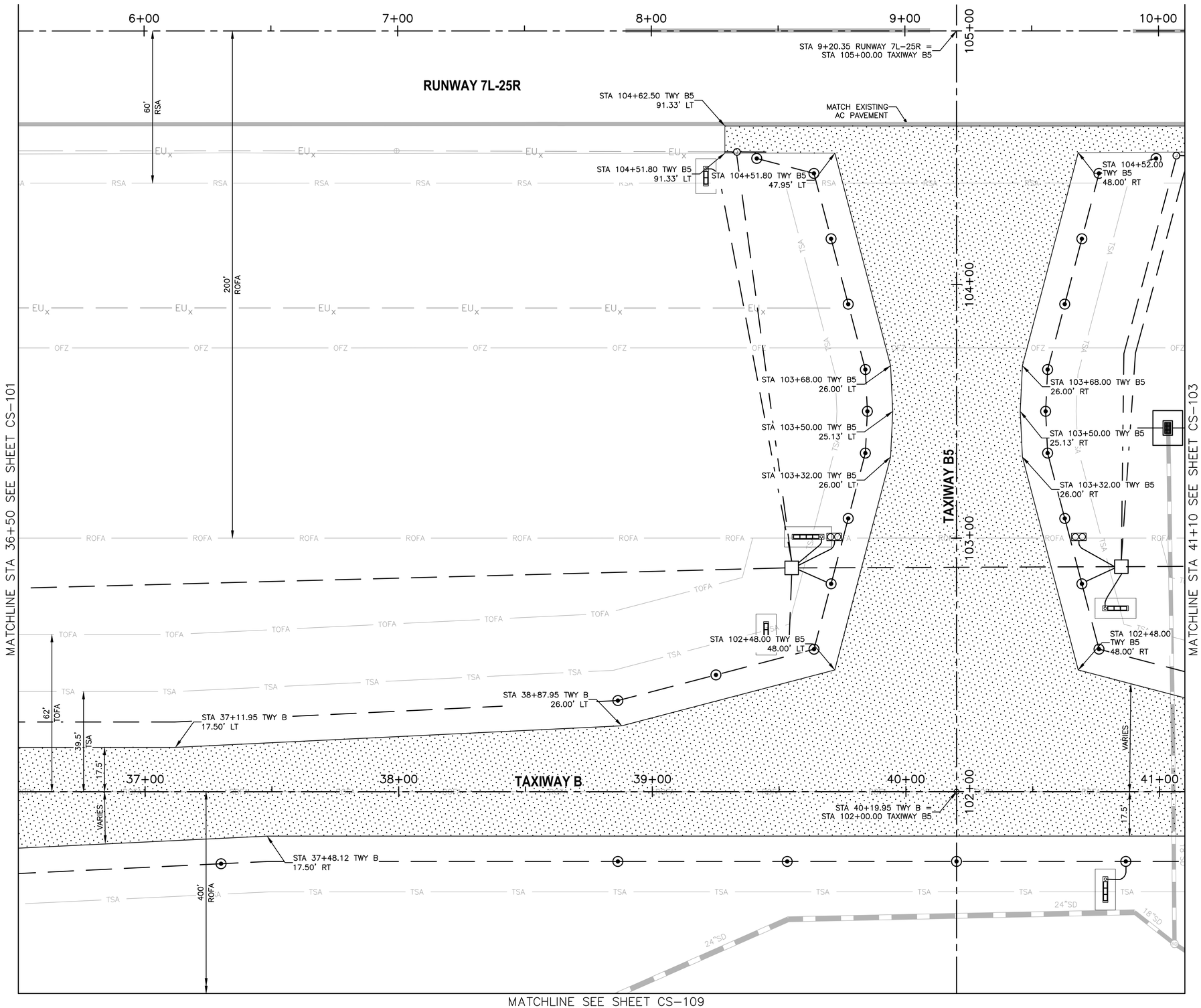
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-101

SHEET 32 OF 161

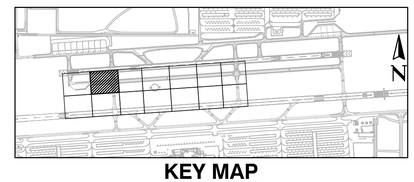
N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CS-101-GMP4.dwg - Feb 26,2026 11:41am



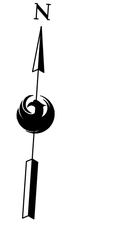
LEGEND

NEW ASPHALT TAXIWAY PAVEMENT. SEE TYPICAL SECTION 1 SHEET CS–301

REFERENCE NOTES



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

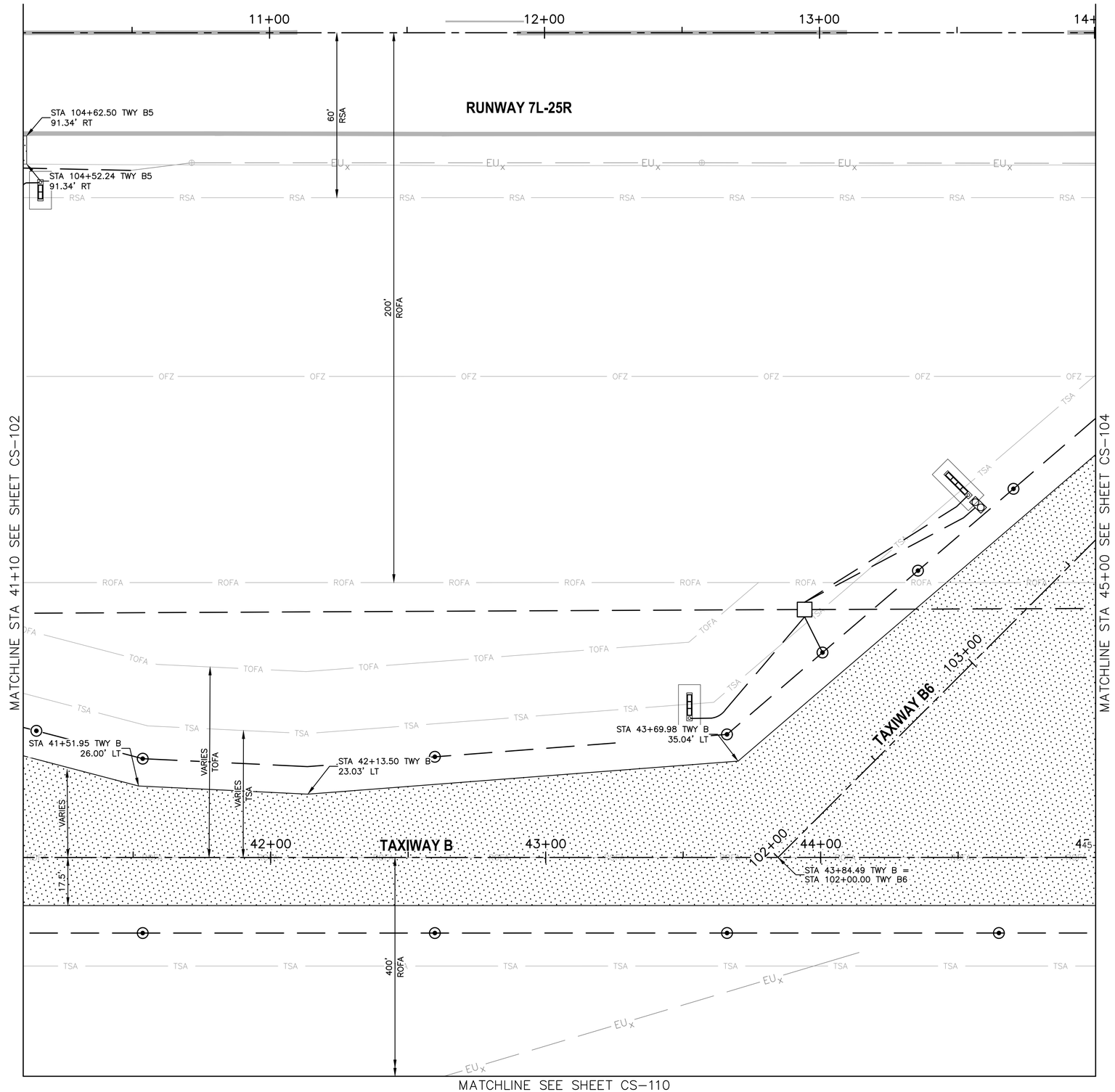
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-102

SHEET 33 OF 161

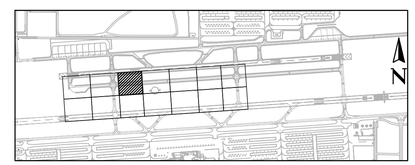
N:\2024\241104 – DVT Taxiway B Relocation GMPs\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092–1–CS–102–GMP4.dwg – Feb 26,2026 9:50am



LEGEND

NEW ASPHALT TAXIWAY PAVEMENT. SEE TYPICAL SECTION 1 SHEET CS-301

REFERENCE NOTES



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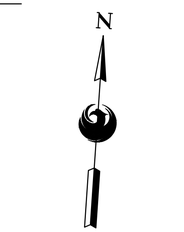

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYH

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

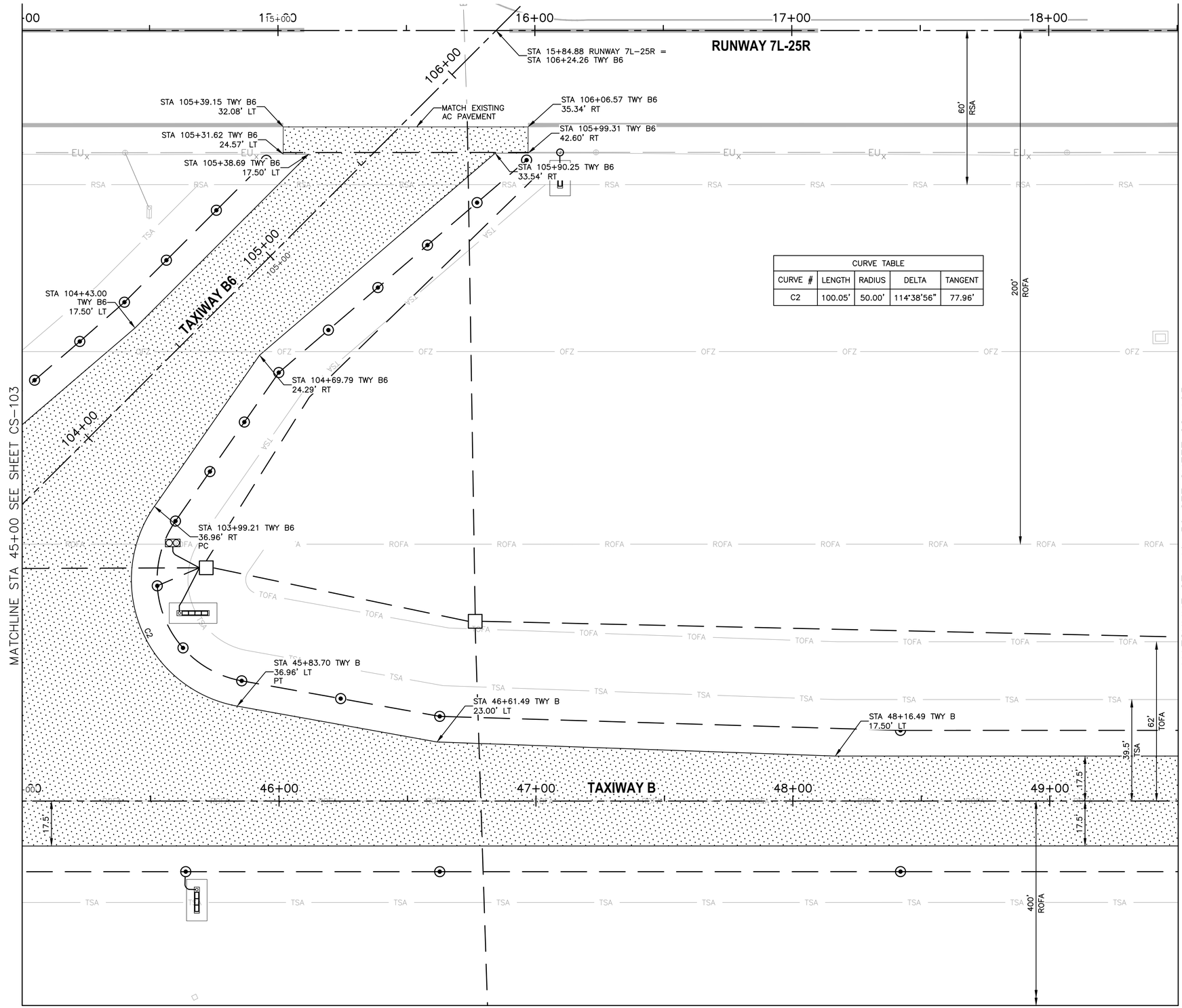
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-103

SHEET 34 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CS-103-GMP4.dwg — Feb 26,2026 9:51am

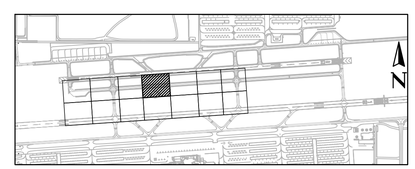


CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C2	100.05'	50.00'	114°38'56"	77.96'

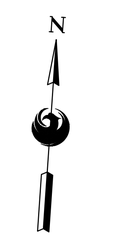
LEGEND

NEW ASPHALT TAXIWAY PAVEMENT. SEE TYPICAL SECTION 1 SHEET CS–301

REFERENCE NOTES



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

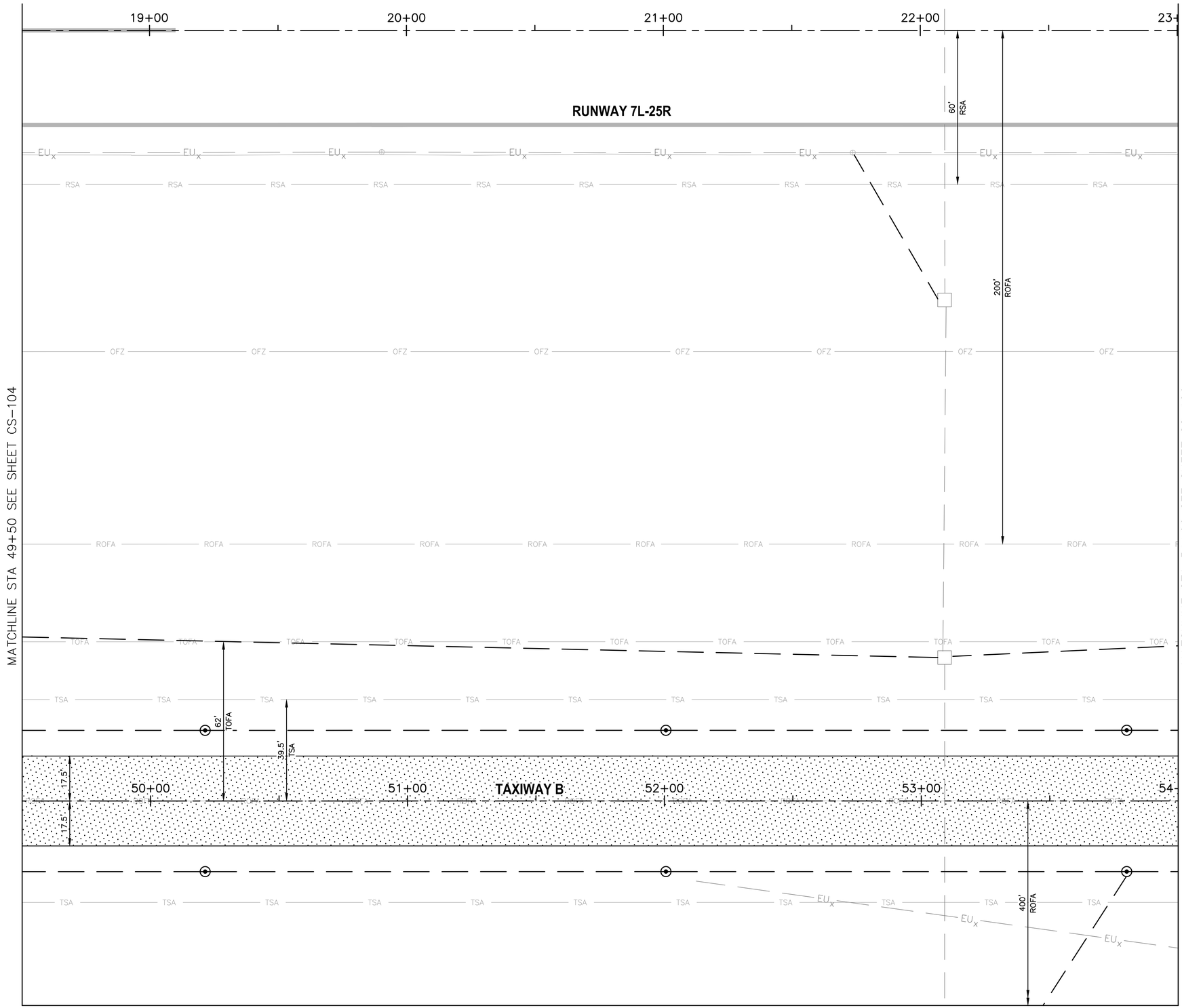
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-104

SHEET 35 OF 161

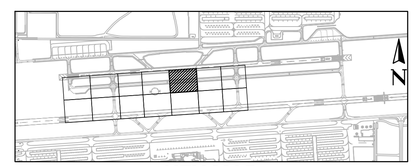
N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-11-CS-104-GMP4.dwg – Feb 26,2026 9:52am



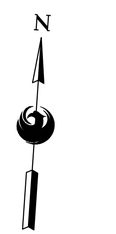
LEGEND

NEW ASPHALT TAXIWAY PAVEMENT. SEE TYPICAL SECTION 1 SHEET CS-301

REFERENCE NOTES



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

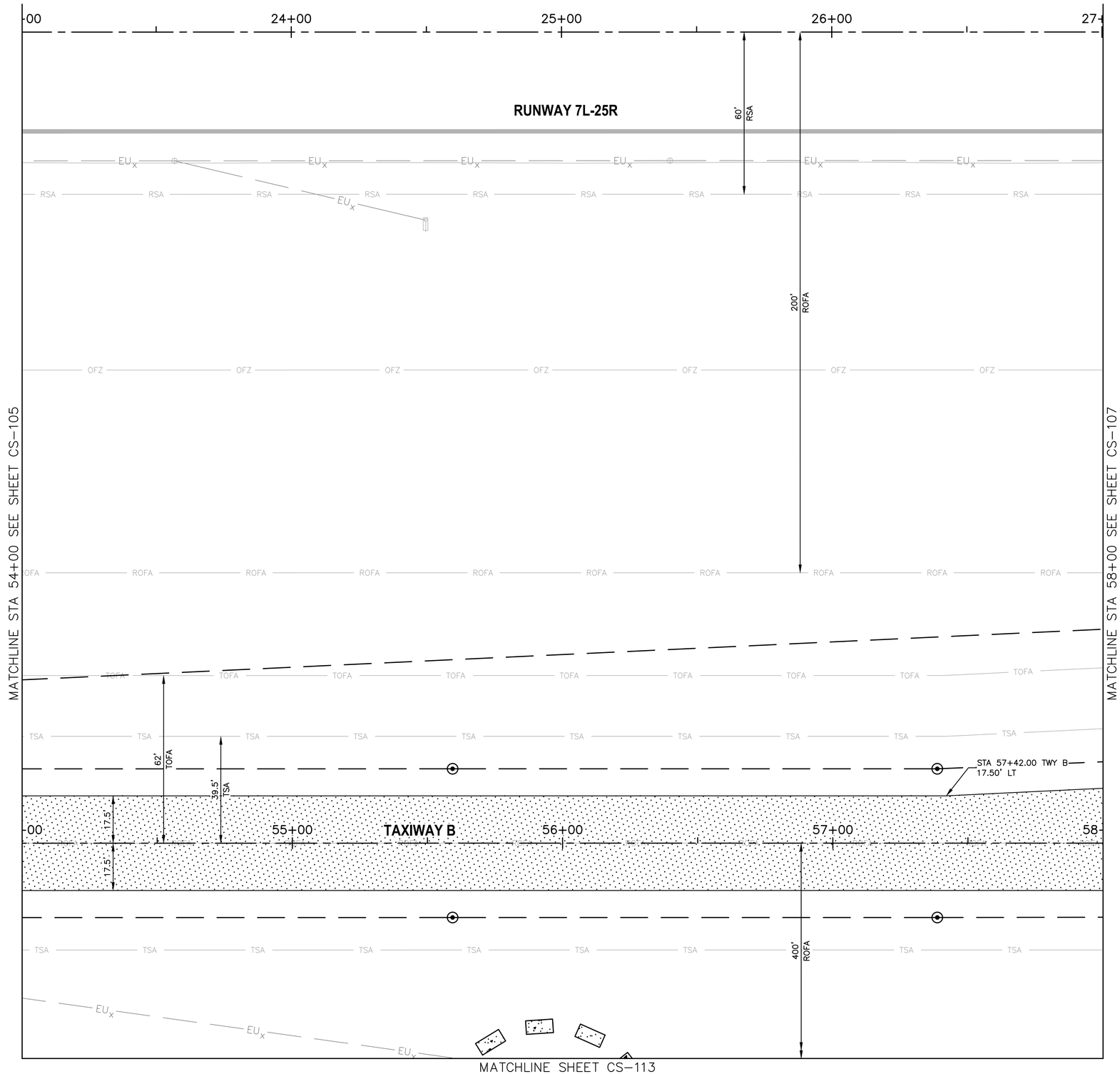
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-105

SHEET 36 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CS-105-GMP4.dwg - Feb 26,2026 9:53am

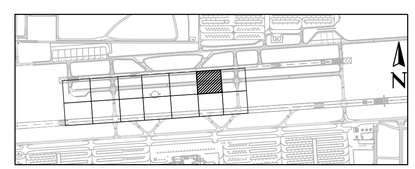


LEGEND

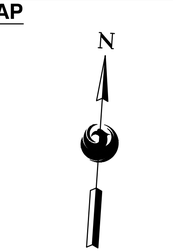
NEW ASPHALT TAXIWAY PAVEMENT. SEE TYPICAL SECTION 1 SHEET CS-301

NEW REINFORCED CONCRETE SEGMENTED CIRCLE. SEE SHEET CS-501

REFERENCE NOTES



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

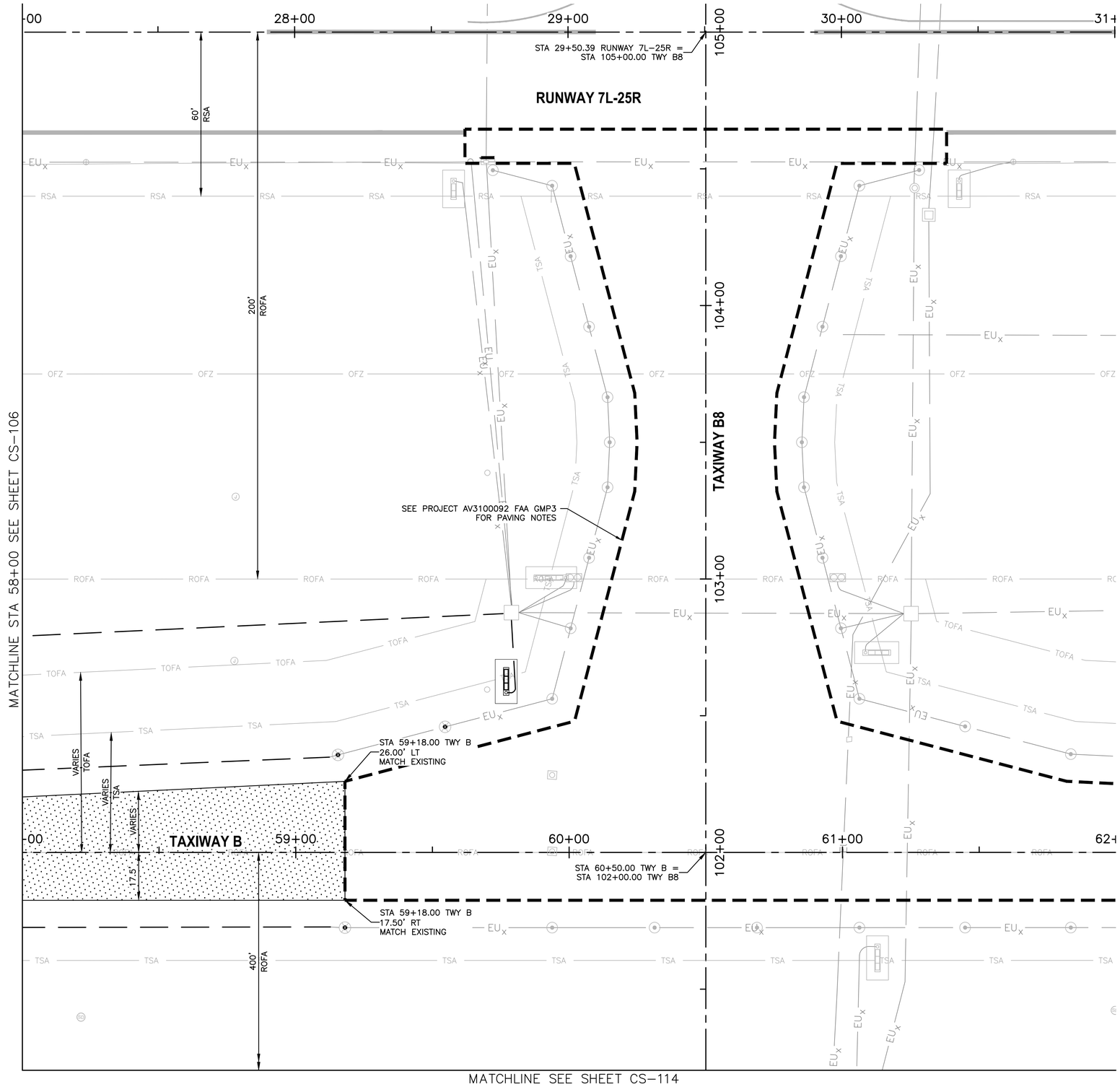
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-106

SHEET 37 OF 161

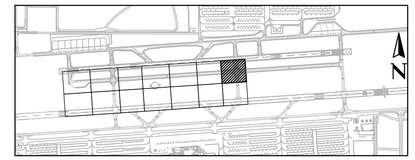
N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CS-106-GMP4.dwg - Feb 26,2026 9:54am



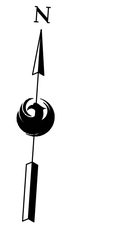
LEGEND

NEW ASPHALT TAXIWAY PAVEMENT. SEE TYPICAL SECTION 1 SHEET CS-301

REFERENCE NOTES



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV3100092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-107

SHEET 38 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMPs\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV3100092-1_CS-107_GMP4.dwg - Feb 26,2026 9:56am

MATCHLINE SEE SHEET CS-101

STA 100+68.00 TWY B4 SOUTH
26.00' LT

STA 100+68.00 TWY B4 SOUTH
26.00' RT

VARIES VARIES

STA 100+00.00 TWY B4 SOUTH
22.72' LT

STA 100+00.00 TWY B4 SOUTH
22.72' RT

TAXIWAY B4

STA 99+32.00 TWY B4 SOUTH
26.00' LT

STA 99+32.00 TWY B4 SOUTH
26.00' RT

STA 98+50.28 TWY B4 SOUTH
47.40' LT

MATCH EXISTING
AC PAVEMENT

STA 98+50.25 TWY B4 SOUTH
47.41' RT

STA 3+40.52 RUNWAY 7R-25L =
STA 98+00.00 TWY B4 SOUTH

101+00 100+00 99+00 98+00

00 2+00 3+00 4+00 5+00

RUNWAY 7R-25L

400' ROFA

250' RSA

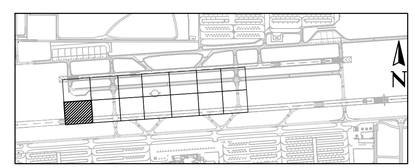
MATCHLINE SEE SHEET CS-109

EU$_X$ RSA OFZ TSA

LEGEND

NEW ASPHALT TAXIWAY PAVEMENT. SEE TYPICAL SECTION 1 SHEET CS-301

REFERENCE NOTES



KEY MAP

N

0 20' 40'

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

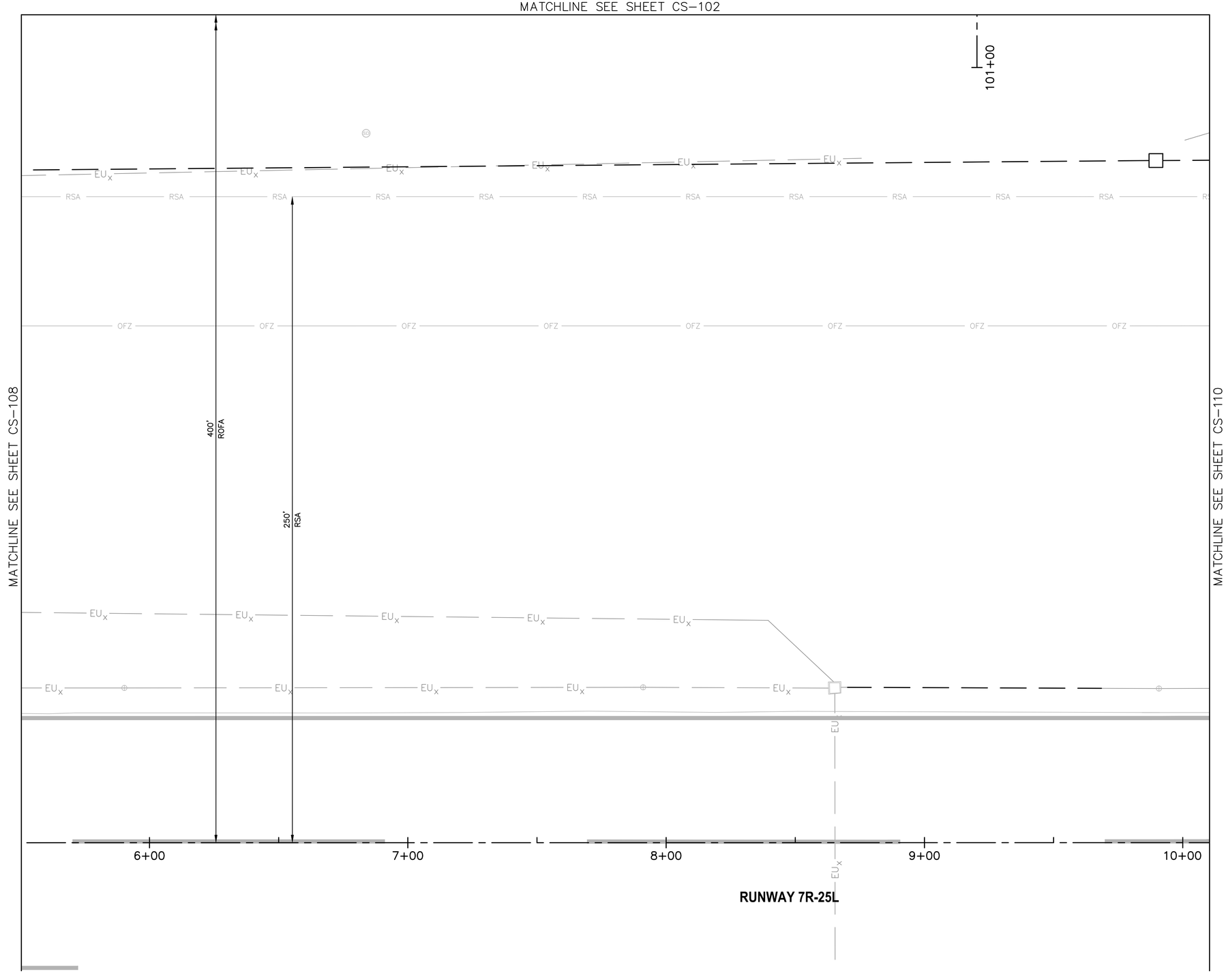
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-108

SHEET 39 OF 161

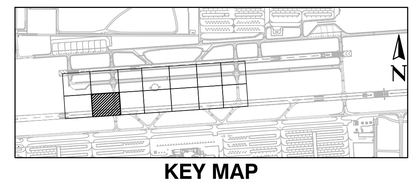
N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CS-108-GMP4.dwg - Feb 26,2026 9:57am



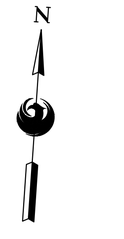
LEGEND

NO CIVIL WORK THIS SHEET

REFERENCE NOTES



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

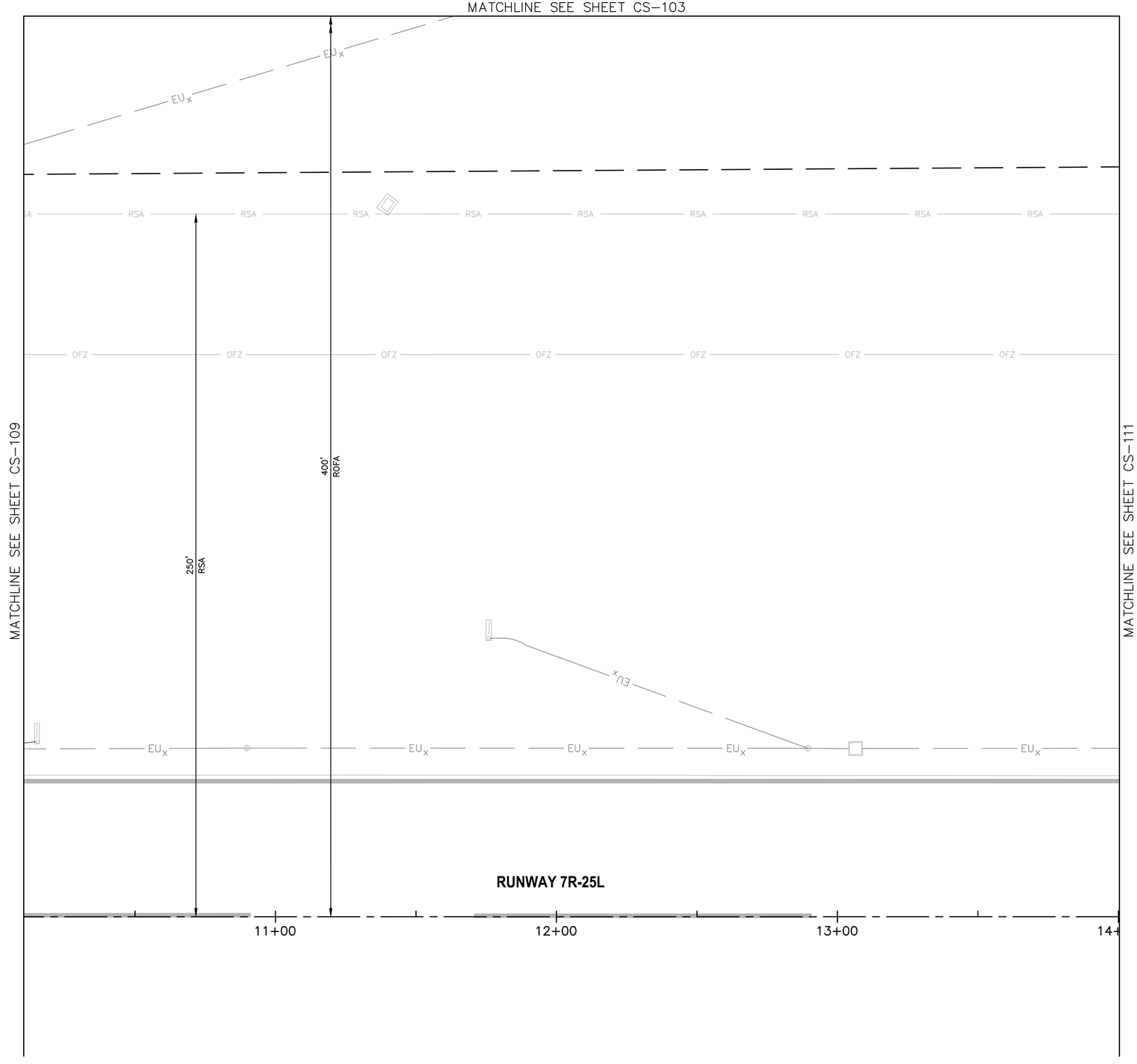
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-109

SHEET 40 OF 161

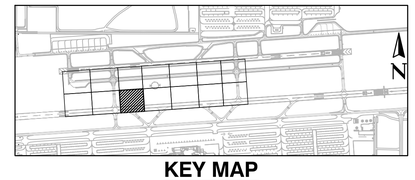
N:\2024\241104 - DVT Taxiway B Relocation GMP's\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CS-109-GMP4.dwg - Feb 26,2026 9:58am



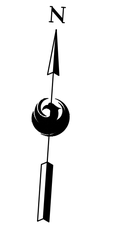
LEGEND

NO CIVIL WORK THIS SHEET

REFERENCE NOTES



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS - GMP 4
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

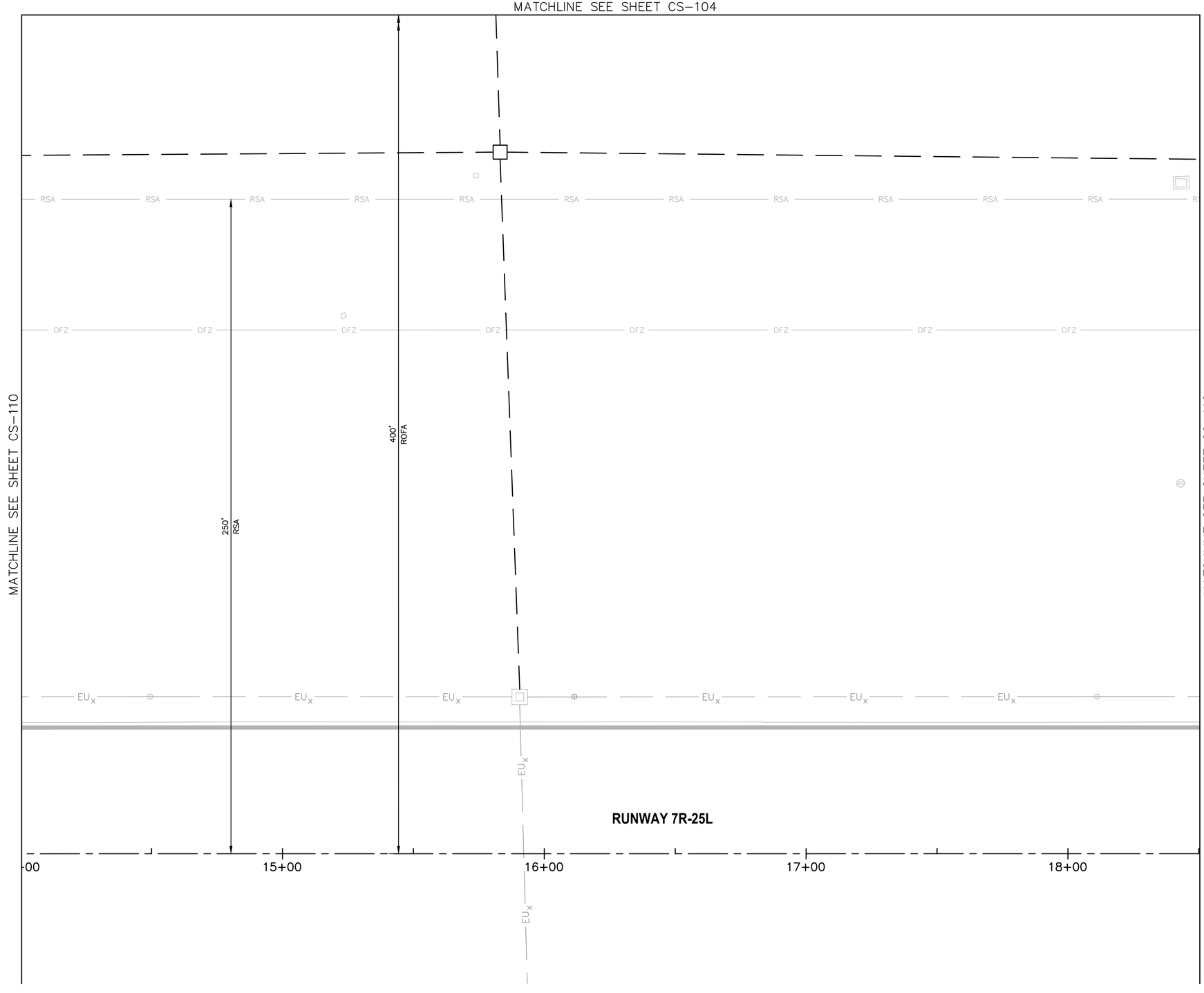
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-110

SHEET 41 OF 161

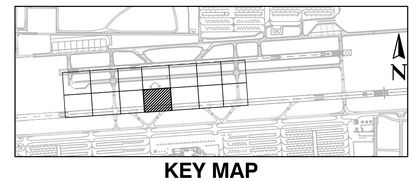
N:\2024\241104 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CS-110_GMP4.dwg - Feb 26,2026 9:59am
N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CS-110_GMP4.dwg - Feb 26,2026 9:59am



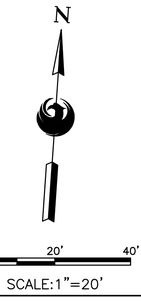
LEGEND

NO CIVIL WORK THIS SHEET

REFERENCE NOTES



KEY MAP



SCALE:1"=20'

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"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX"

NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYH
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

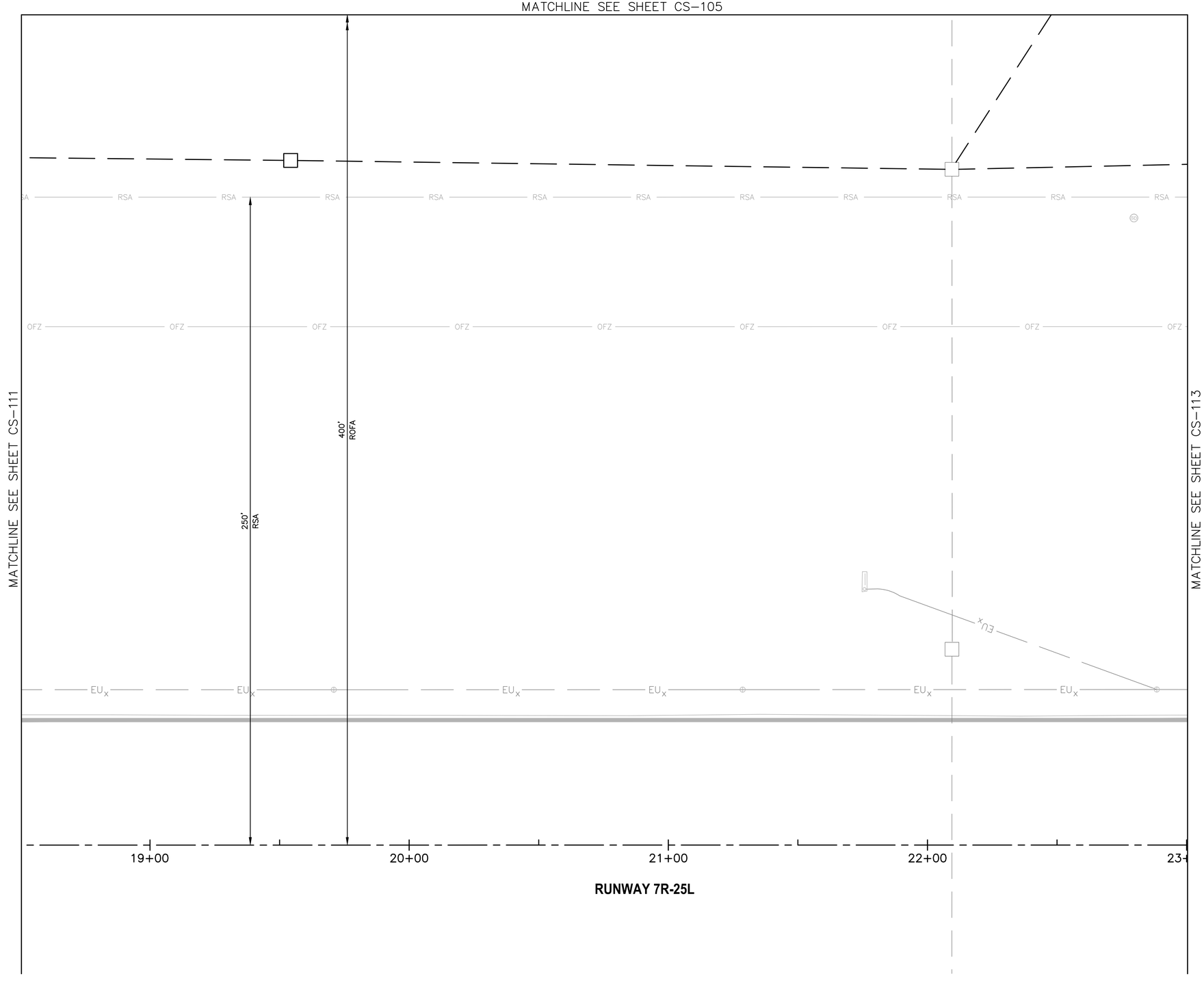
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-111

SHEET 42 OF 161

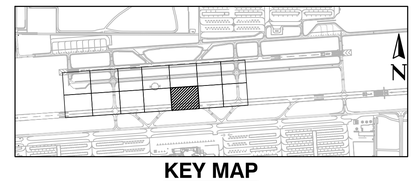
N:\2024\241104 - PVT Taxiway B Relocation GMP's\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CS-111-GMP4.dwg - Feb 26,2026 - 10:00am



LEGEND

NO CIVIL WORK THIS SHEET

REFERENCE NOTES



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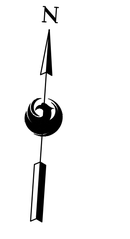

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

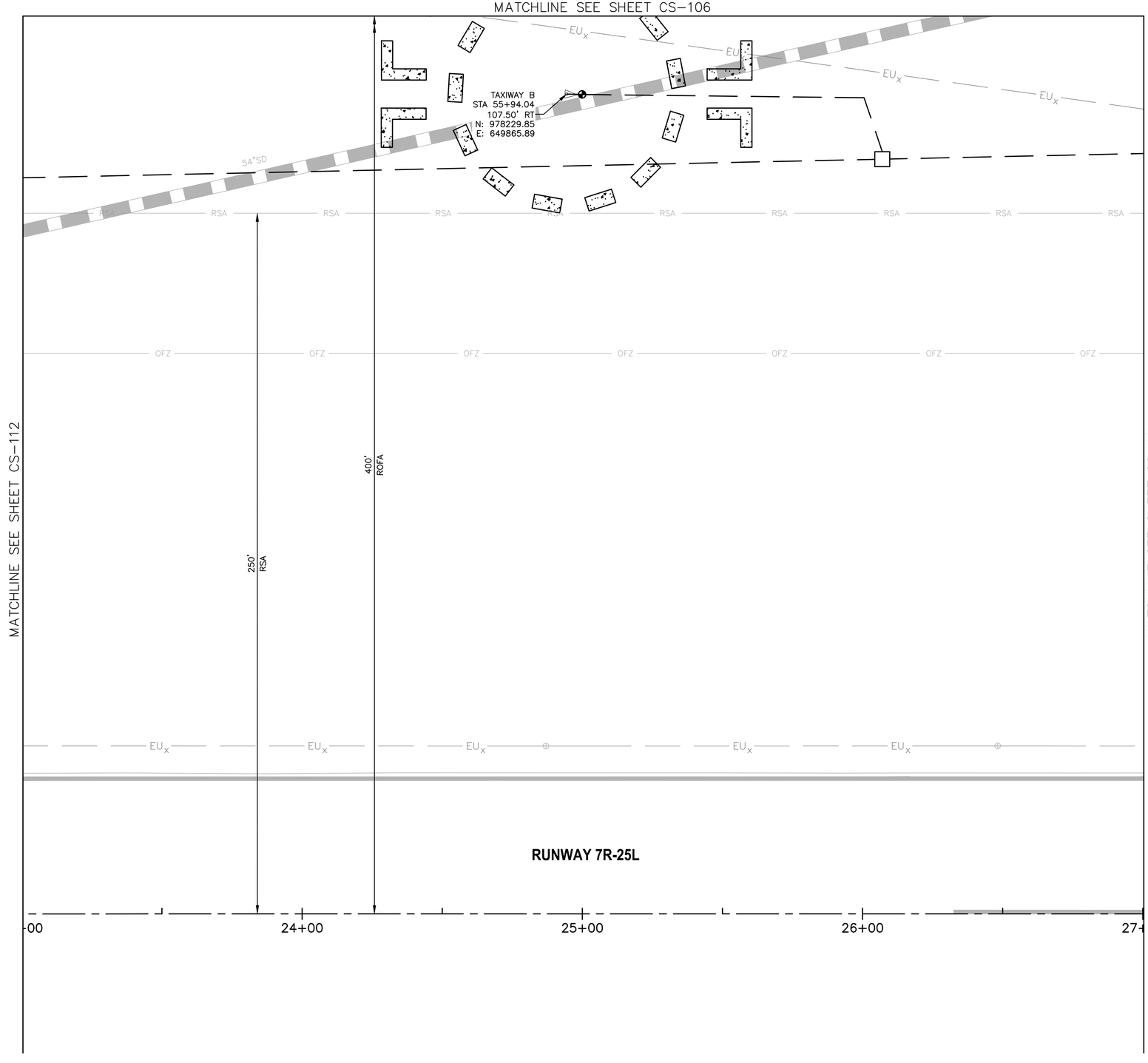
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-112

SHEET 43 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP's\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CS-112-GMP4.dwg - Feb 26,2026 - 10:02am



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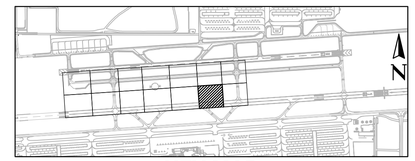
NEW REINFORCED CONCRETE SEGMENTED CIRCLE. SEE SHEET CS-501

REFERENCE NOTES



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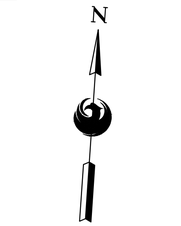

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYH
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS - GMP 4
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

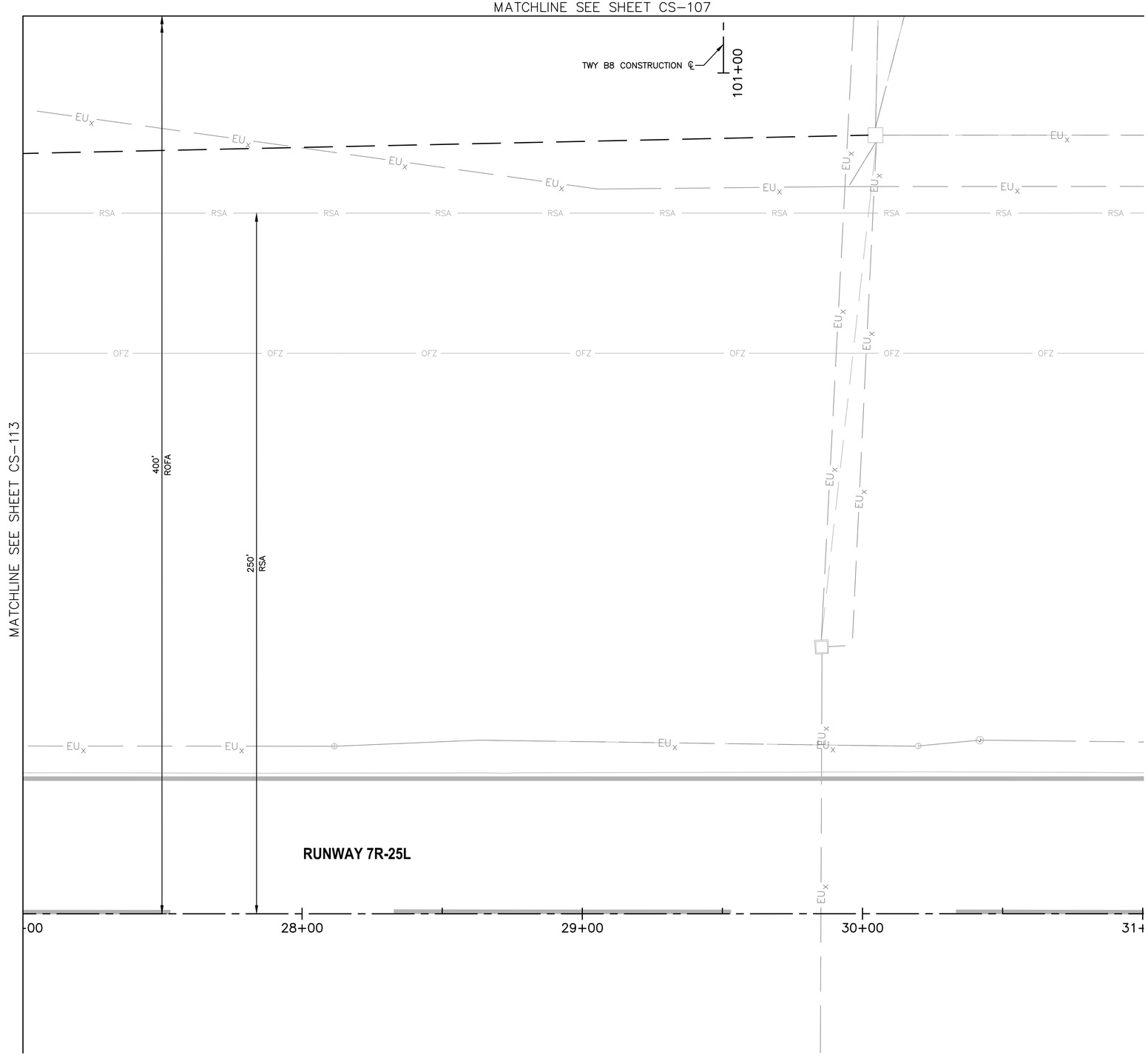
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-113

SHEET 44 OF 161

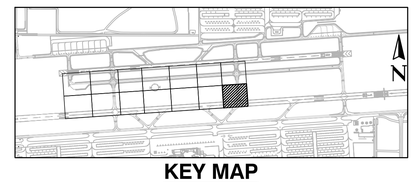
N:\2024\241104 - PVT Taxiway B Relocation GMP4\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CS-113-GMP4.dwg - Feb 26,2026 - 11:47am



LEGEND

NO CIVIL WORK THIS SHEET

REFERENCE NOTES



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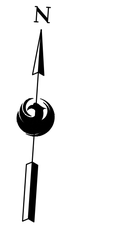

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

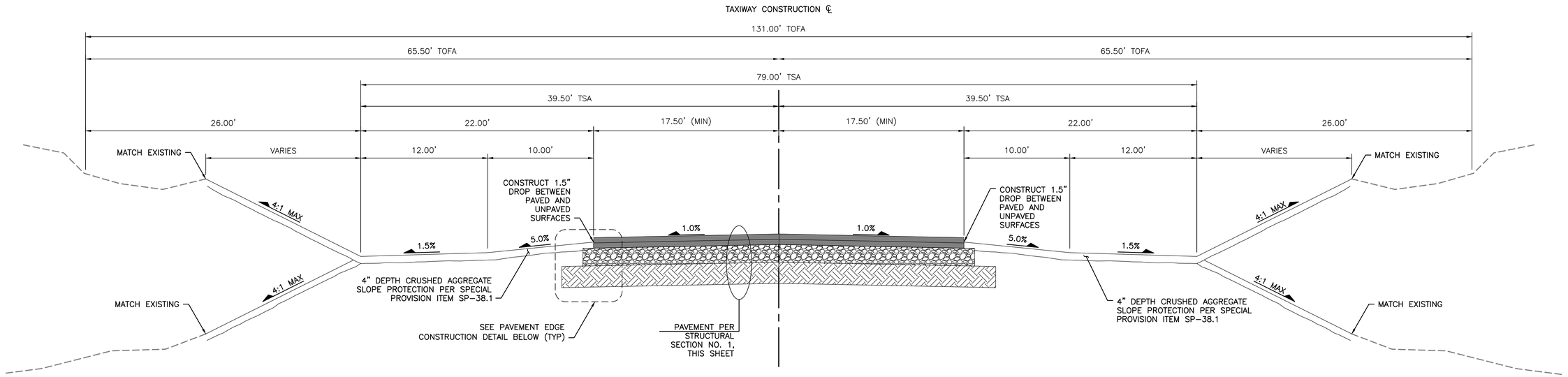
SHEET OVERVIEW TITLE

GEOMETRIC LAYOUT PLAN

SHEET REFERENCE NUMBER:
CS-114

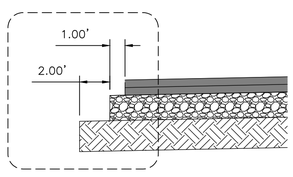
SHEET 45 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CS-114-GMP4.dwg - Feb 26,2026 - 10:04am

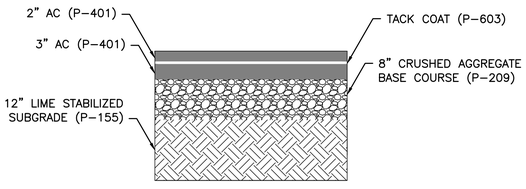


TYPICAL SECTION NO. 1

TAXIWAY B: STA 33+31 TO STA 59+18
TAXIWAY B4: 102+00 TO 104+64
TAXIWAY B4 SOUTH: STA 98+50 TO STA 102+00
TAXIWAY B5: STA 102+00 TO STA 104+65
TAXIWAY B6: STA 102+00 TO STA 105+74



PAVEMENT EDGE CONSTRUCTION DETAIL



STRUCTURAL SECTION NO.1

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: NTS

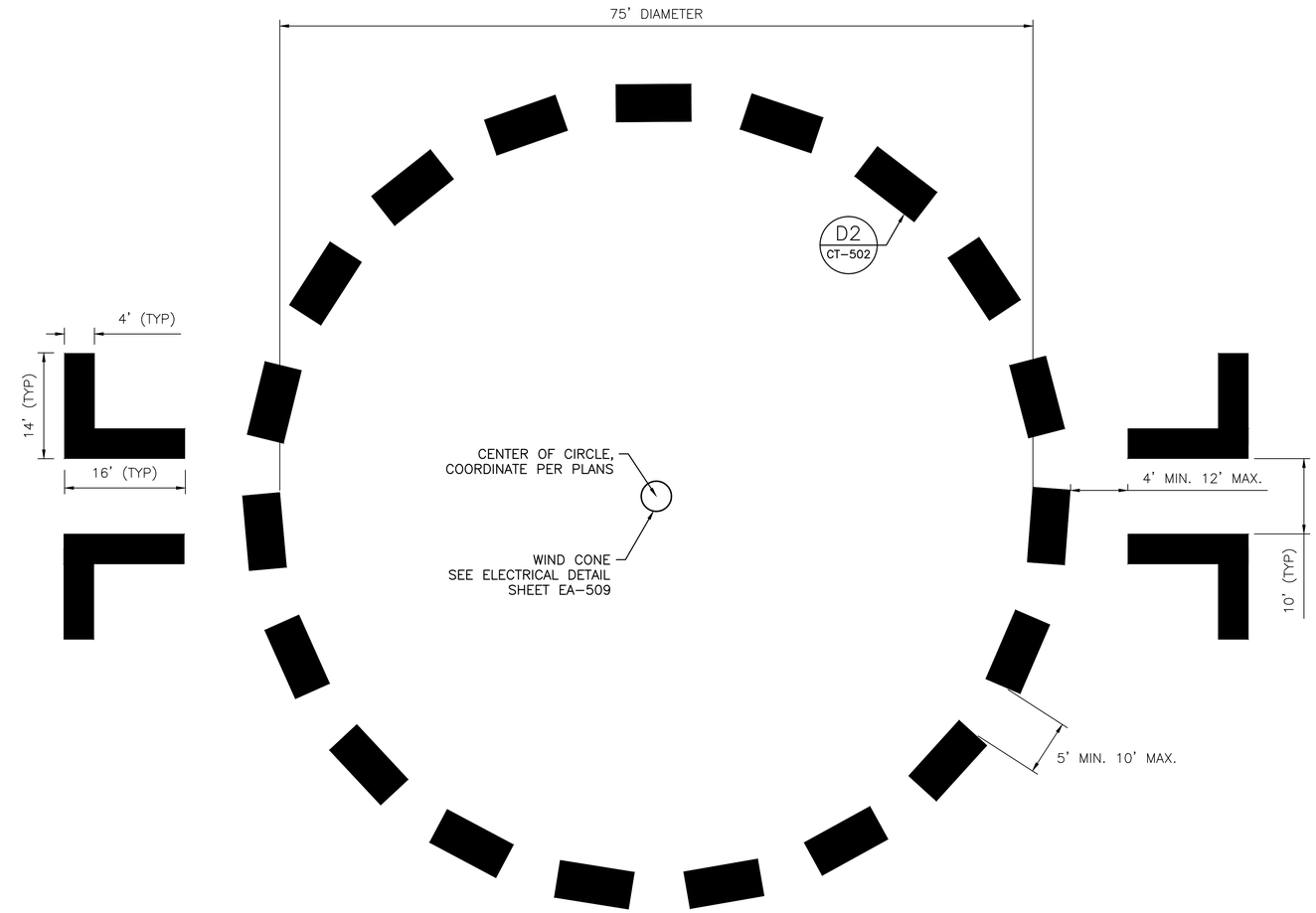
AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE: TYPICAL SECTIONS

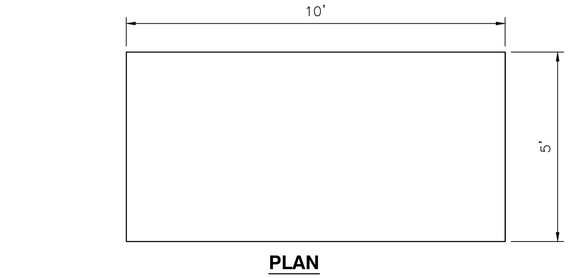
SHEET REFERENCE NUMBER: CS-301

SHEET 46 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CS-301_GMP4.dwg - Feb 26,2026 - 10:04am



D1 CT-502 **SEGMENTED CIRCLE MARKER**
NTS



D2 CT-502 **CIRCLE SEGMENT DETAIL**
NTS

GENERAL NOTES

1. SEGMENTED CIRCLE SHALL BE IN ACCORDANCE WITH FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULAR NO. 150/5340-5D.

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BY
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

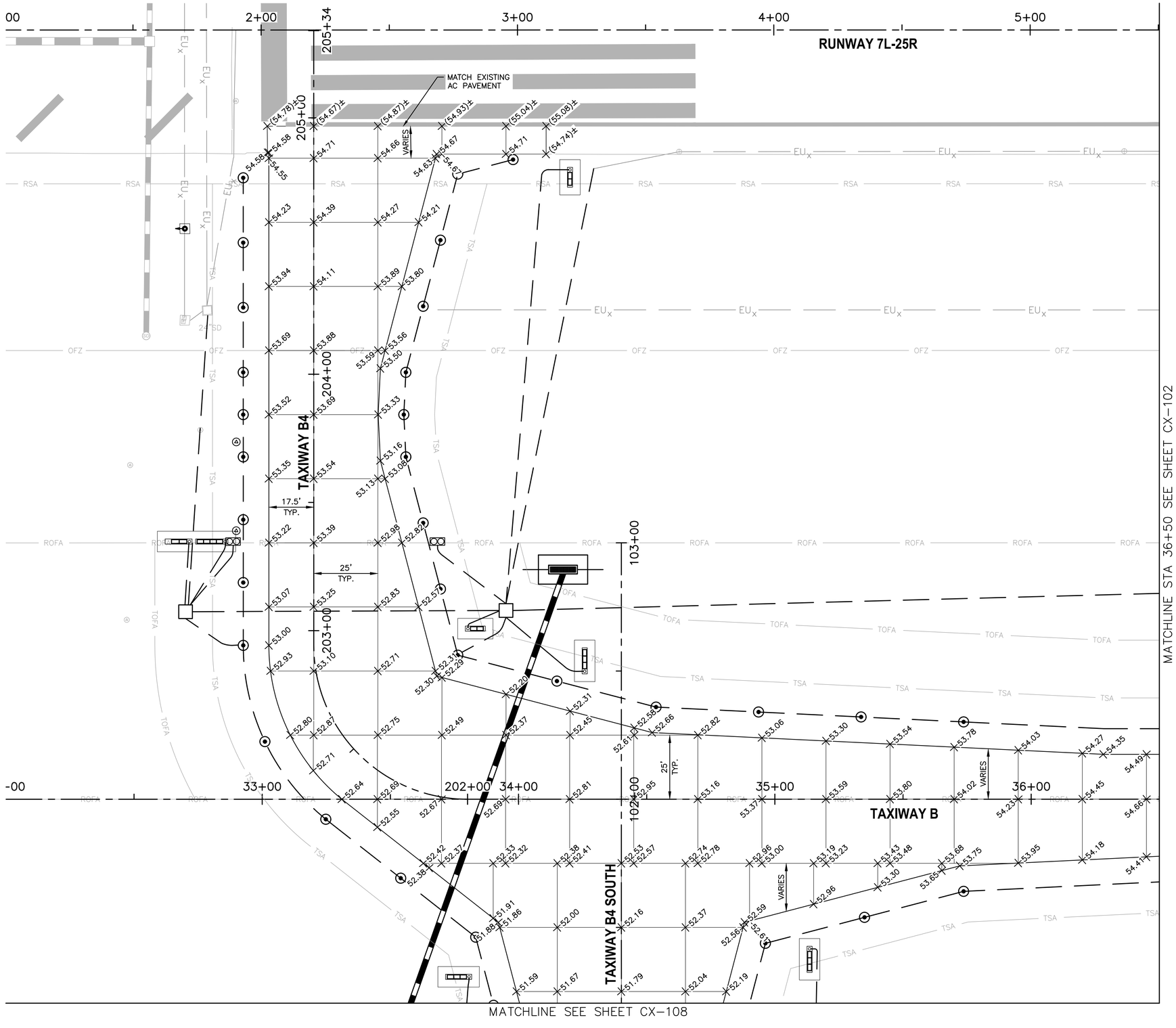
AIP NO.:
3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE
SEGMENTED CIRCLE DETAILS

SHEET REFERENCE NUMBER:
CS-501

SHEET 47 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CT-502-GMP4.dwg — Feb 26,2026 - 10:05am



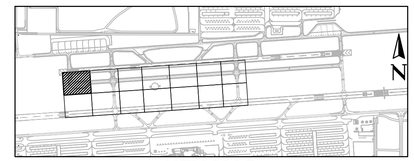
LEGEND

1. ADD 1400 TO ALL ELEVATIONS

+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP

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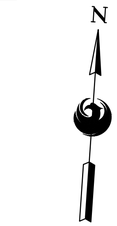

0 20' 40'

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

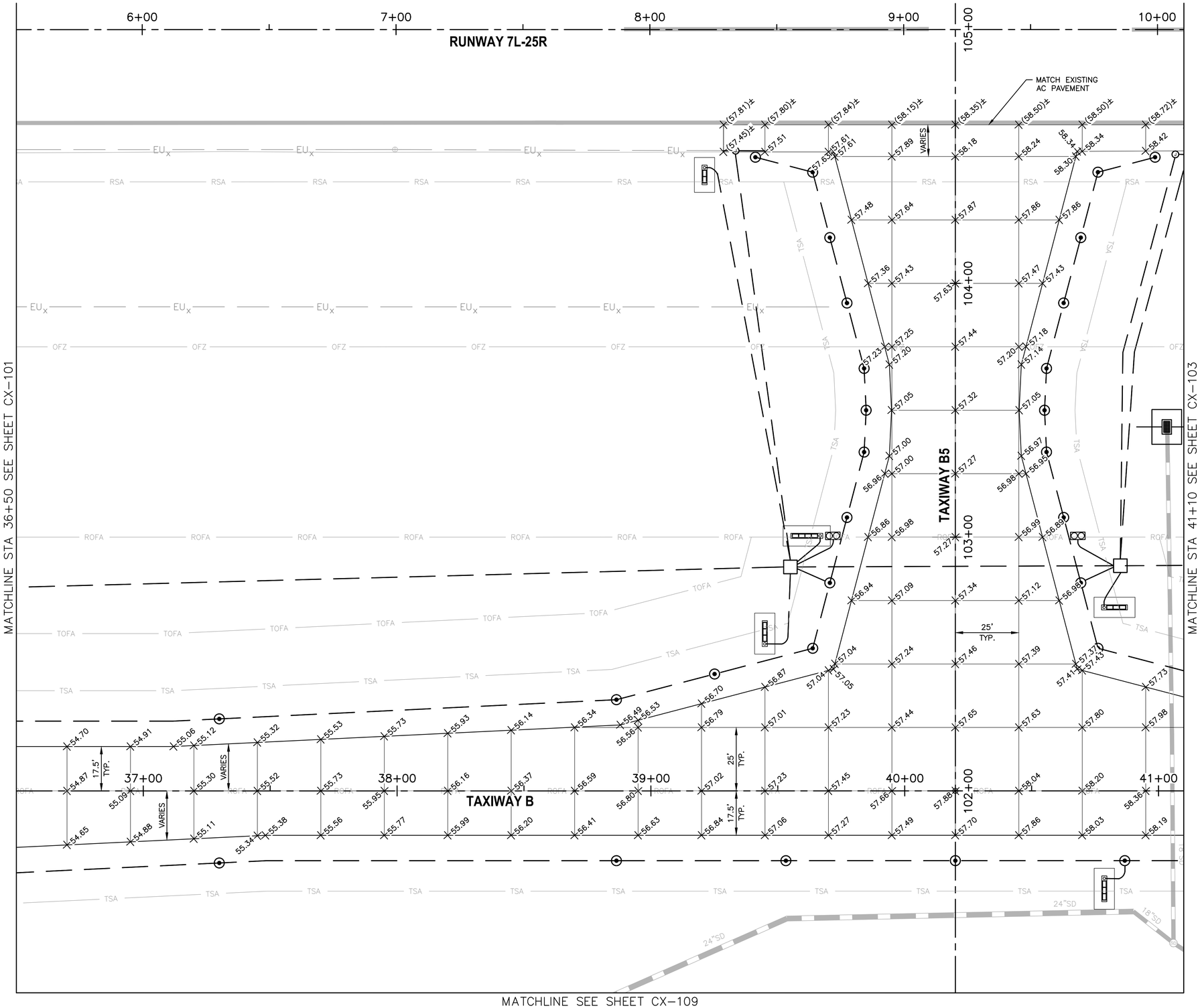
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER: CX-101

SHEET 48 OF 161

N:\2024\241104 - PVT Taxiway B Relocation GMPs\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CX-101_GMP4.dwg - Feb 26,2026 - 10:06am



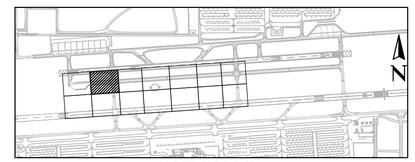
LEGEND

1. ADD 1400 TO ALL ELEVATIONS

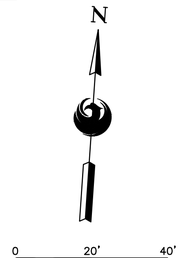
+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT ELYK
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

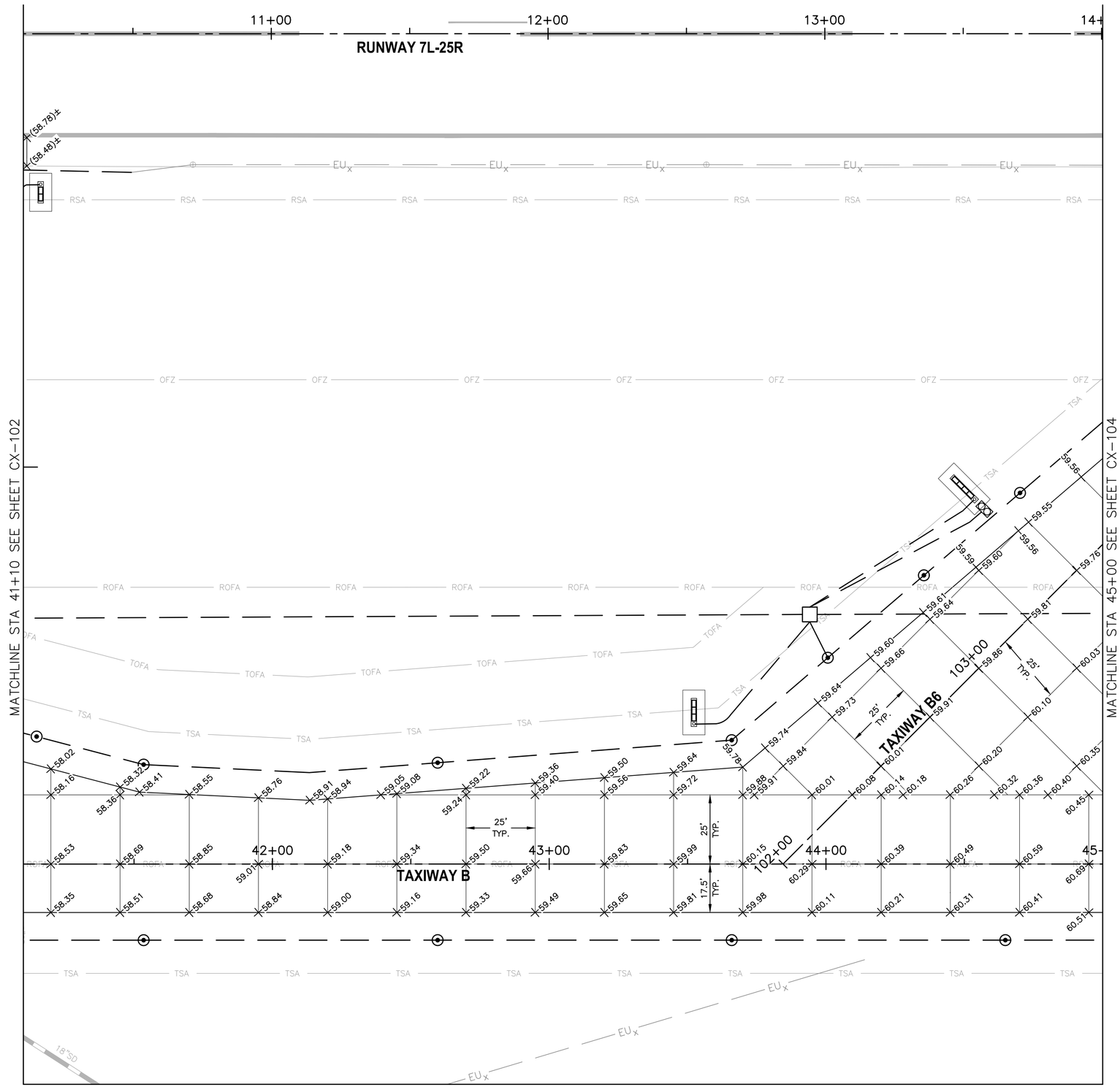
AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-102

N:\2026\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CX-102-GMP4.dwg — Feb 26,2026 - 10:08am



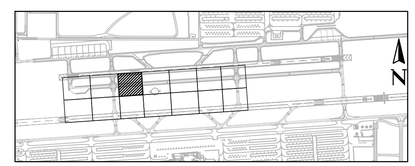
LEGEND

1. ADD 1400 TO ALL ELEVATIONS

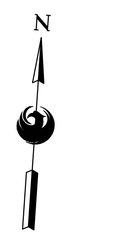
+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



0 20' 40'

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT GYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

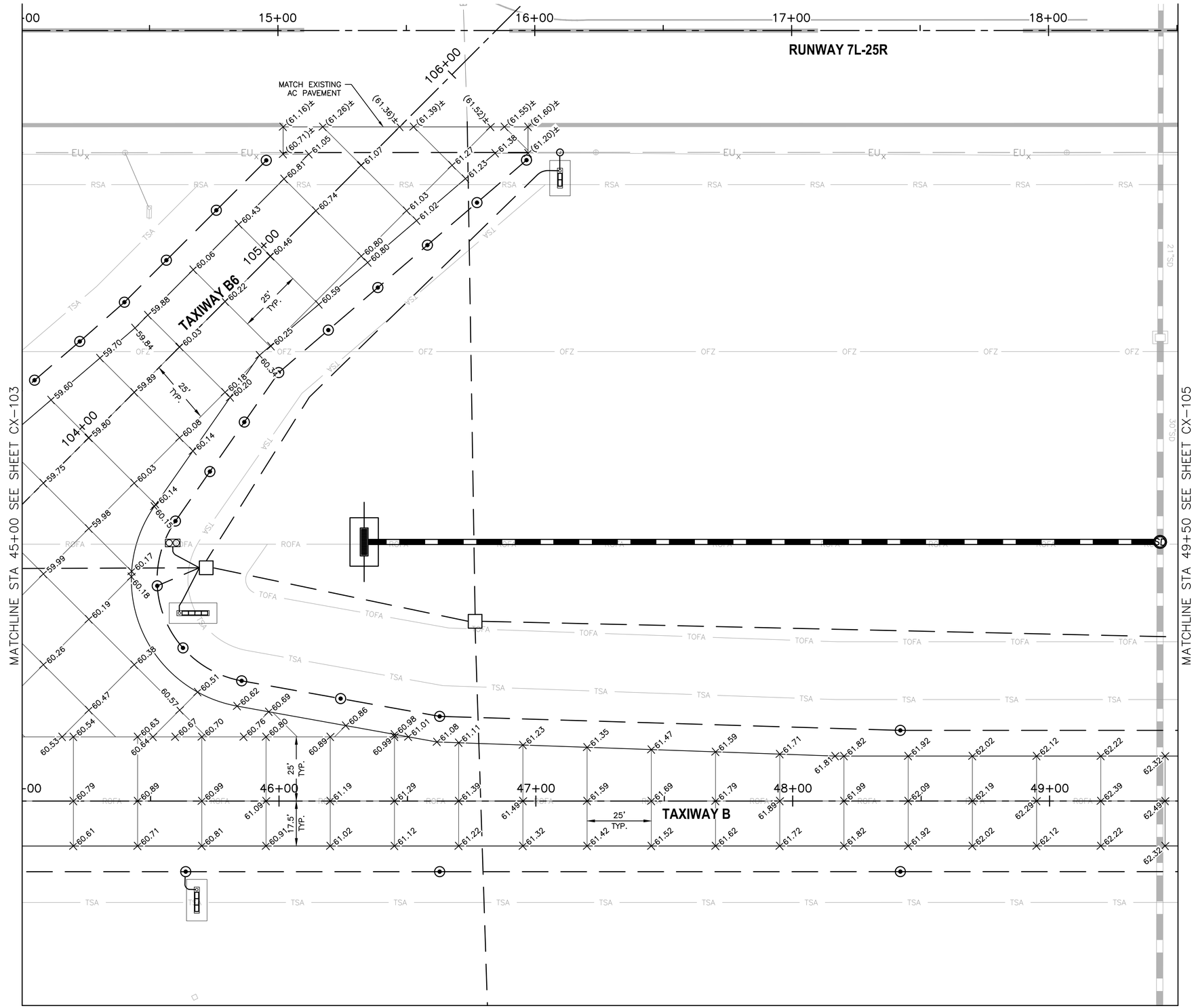
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-103

SHEET 50 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CX-103-GMP4.dwg - Feb 26,2026 10:09am



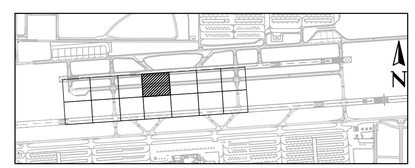
LEGEND

1. ADD 1400 TO ALL ELEVATIONS

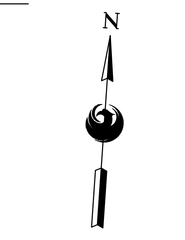
+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

PRIME CONSULTANT: TRACE CONSULTING, 1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

SUB CONSULTANT

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PRELIMINARY NOT FOR CONSTRUCTION

"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX"

NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BY

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

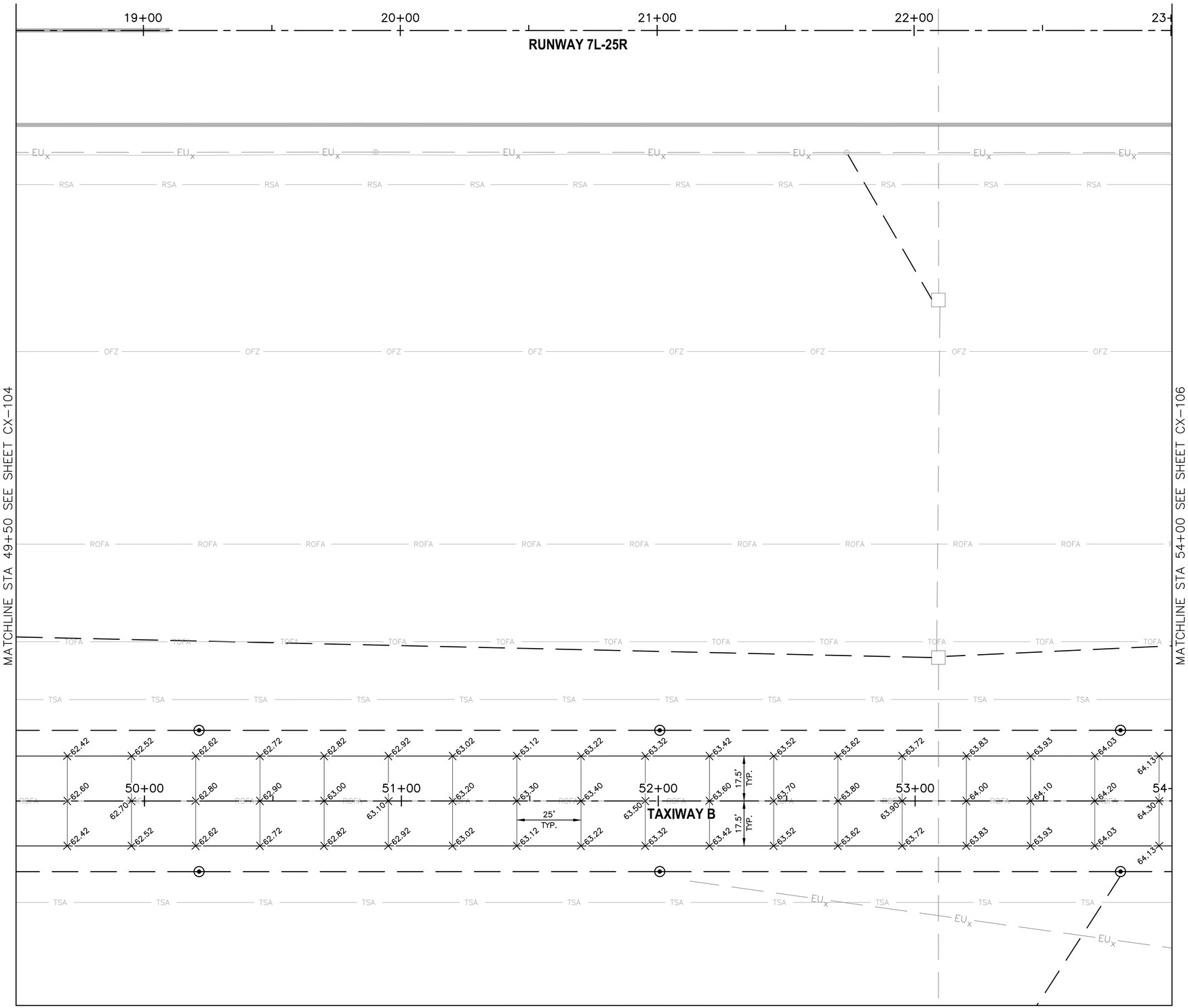
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-104

SHEET 51 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CX-104-GMP4.dwg - Feb 26,2026 10:11am



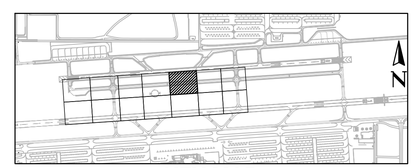
LEGEND

1. ADD 1400 TO ALL ELEVATIONS

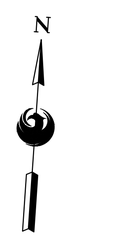
+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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ARIZONA 811
Call 811 or click Arizona811.com

PRIME CONSULTANT
TRACE CONSULTING
1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

SUB CONSULTANT

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PRELIMINARY NOT FOR CONSTRUCTION

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

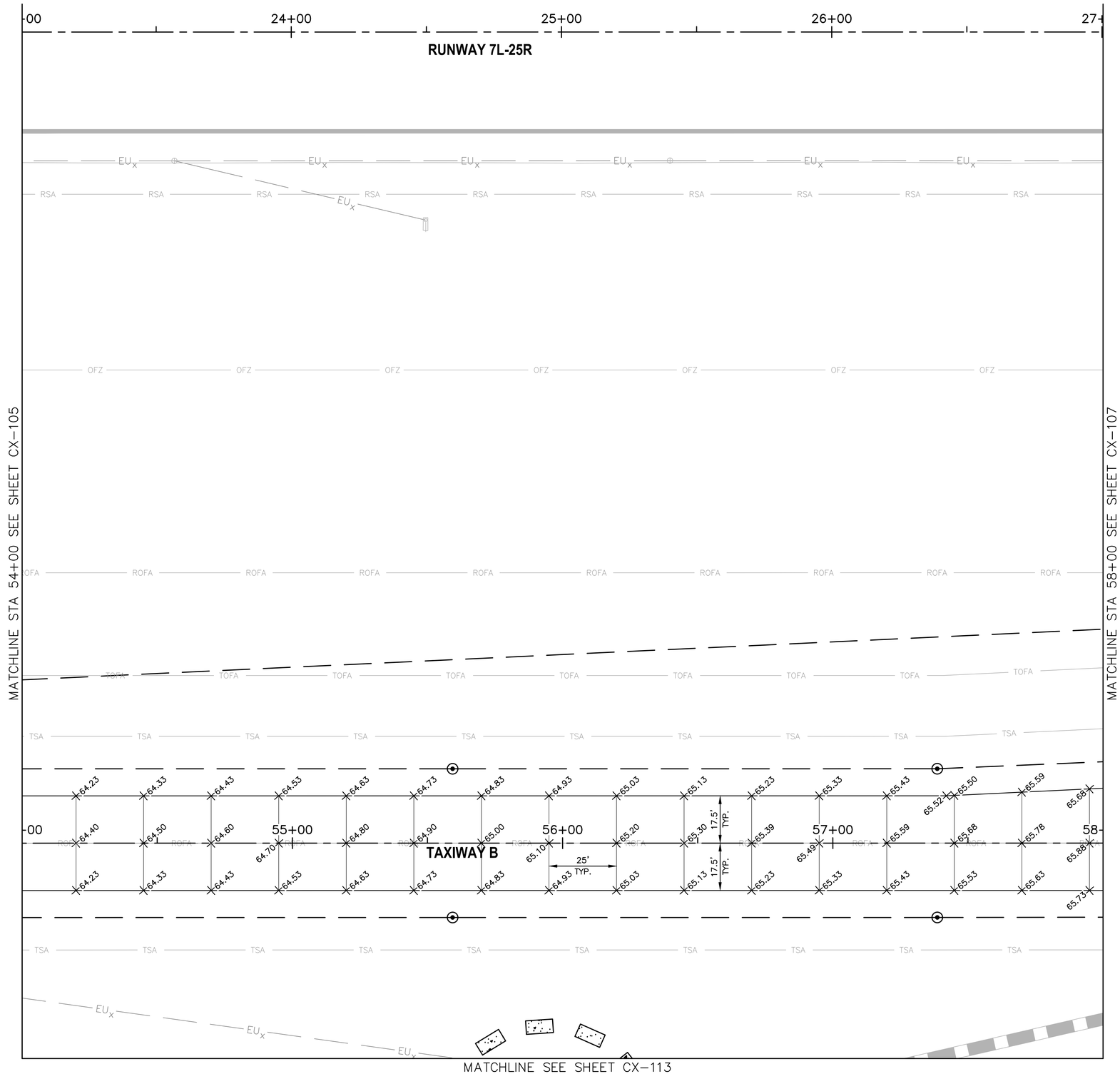
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-105

SHEET 52 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CX-105-GMP4.dwg - Feb 26,2026 10:12am



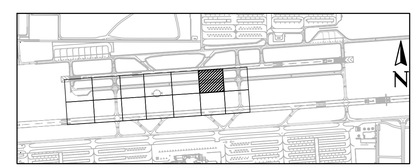
LEGEND

1. ADD 1400 TO ALL ELEVATIONS

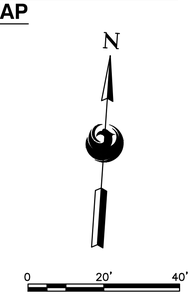
+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

PRIME CONSULTANT
TRACE CONSULTING
1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

SUB CONSULTANT

90% SUBMITTAL

PRELIMINARY NOT FOR CONSTRUCTION

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

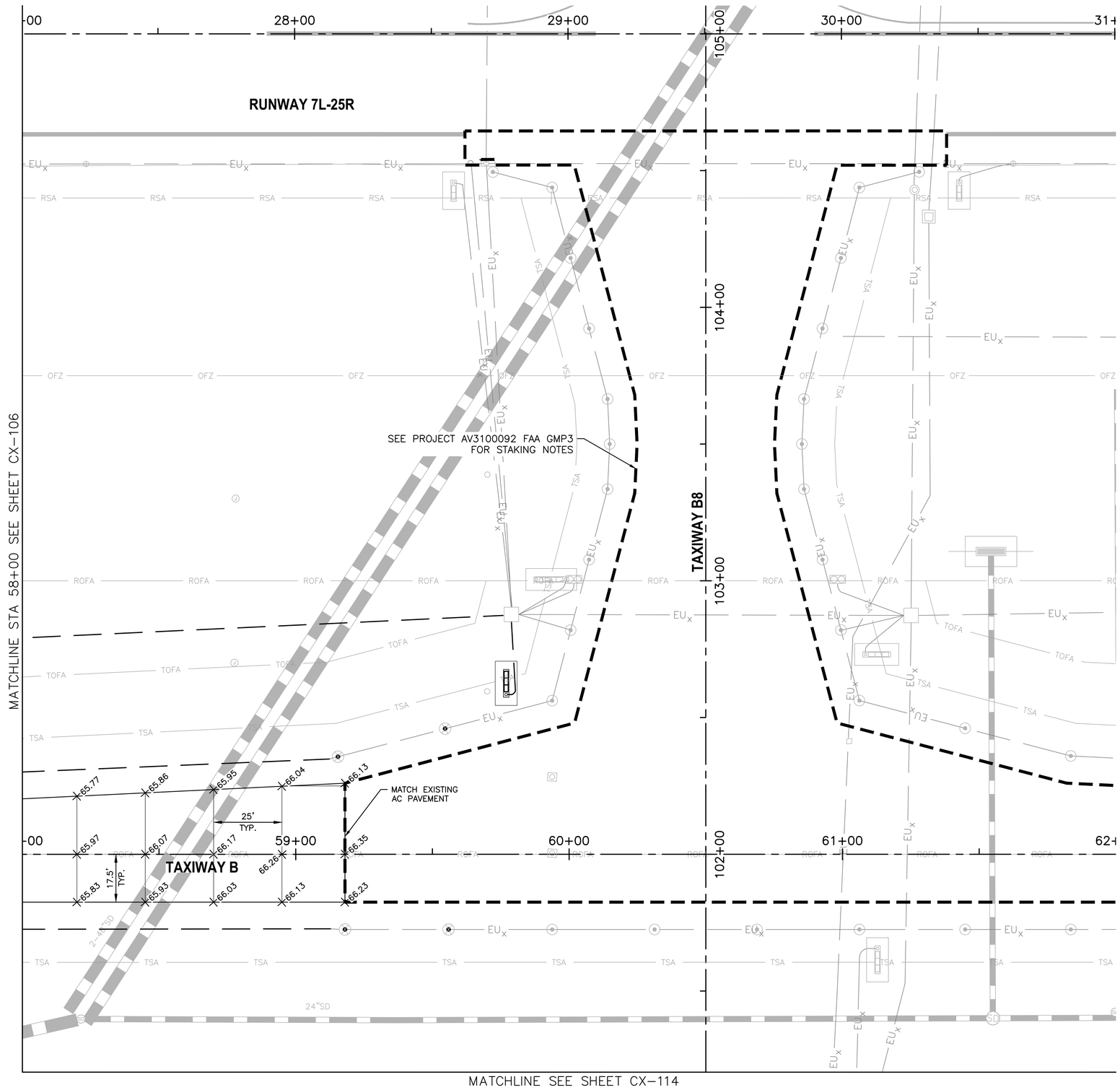
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-106

SHEET 53 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CX-106-GMP4.dwg - Feb 26,2026 10:14am



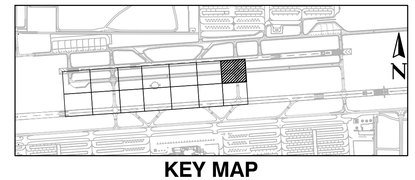
LEGEND

1. ADD 1400 TO ALL ELEVATIONS

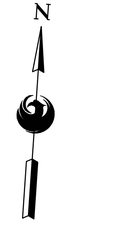
+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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ARIZONA811
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PRIME CONSULTANT
TRACE CONSULTING
1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

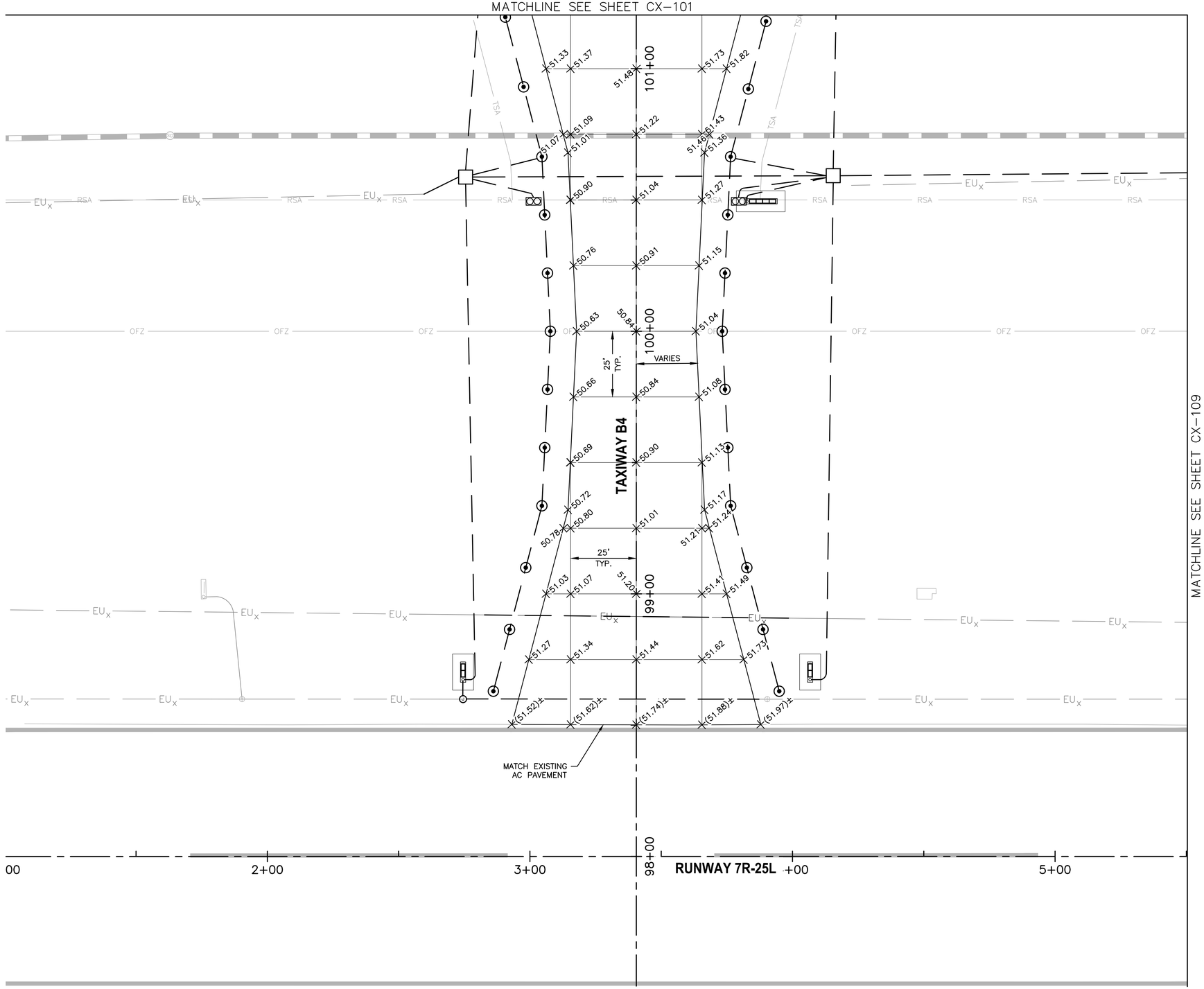
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-107

SHEET 54 OF 161

N:\2024\241104 - PVT Taxiway B Relocation GMP4\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CX-107-GMP4.dwg - Feb 26,2026 - 10:15am



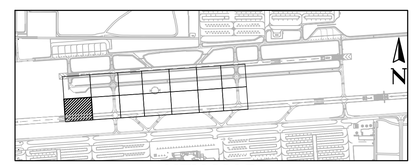
LEGEND

1. ADD 1400 TO ALL ELEVATIONS

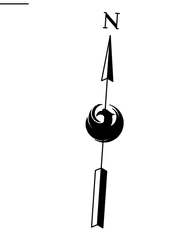
+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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ARIZONA811
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PRIME CONSULTANT
TRACE CONSULTING
1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

SUB CONSULTANT

90% SUBMITTAL
PRELIMINARY NOT FOR CONSTRUCTION

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYW
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

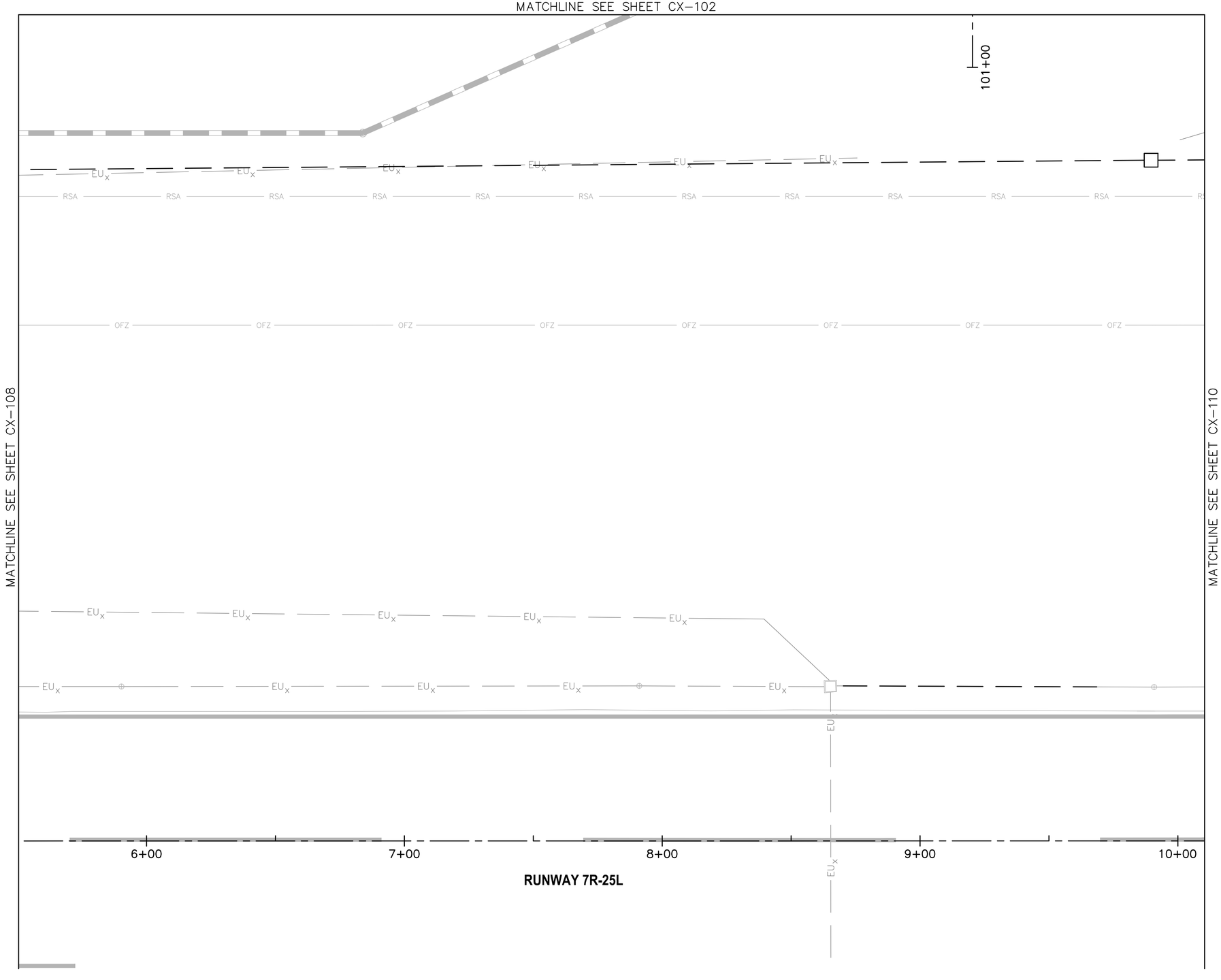
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-108

SHEET 55 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CX-108-GMP4.dwg - Feb 26,2026 - 10:16am



LEGEND

1. ADD 1400 TO ALL ELEVATIONS

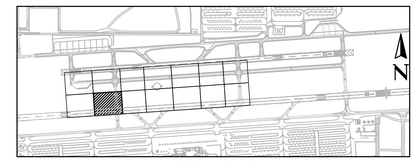
+XX.XX PROPOSED ELEVATION

+(XX.XX)± MATCH EXISTING ELEVATION

NO CIVIL GRADING THIS SHEET

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP

SCALE:1"=20'

Contact Arizona 811 at least two full working days before you begin excavation
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TRACE CONSULTING
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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYH

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

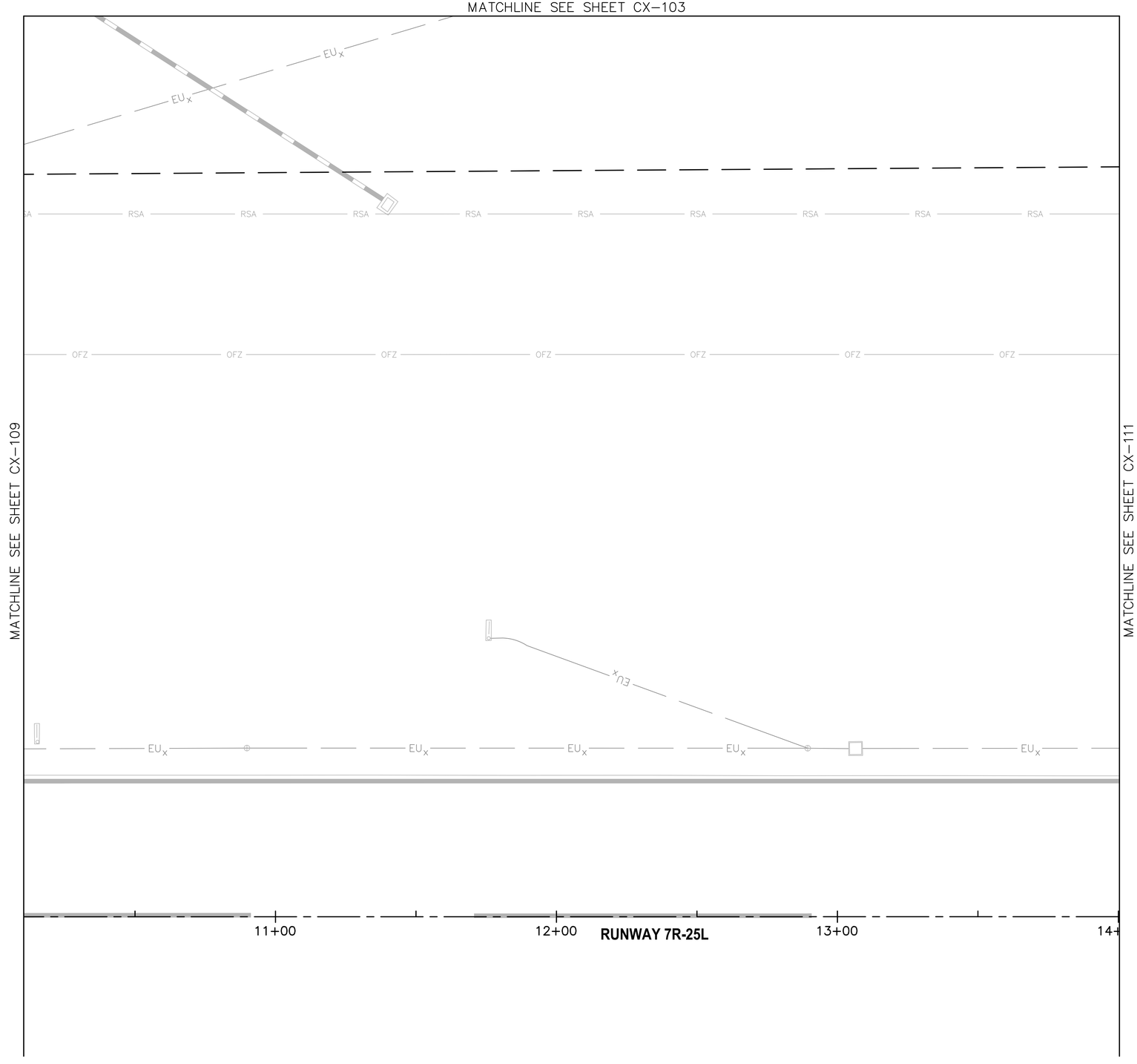
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-109

SHEET 56 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP's\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CX-109-GMP4.dwg - Feb 26,2026 - 10:17am



LEGEND

1. ADD 1400 TO ALL ELEVATIONS

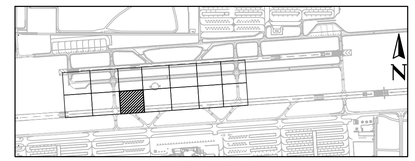
+XX.XX PROPOSED ELEVATION

+(XX.XX)± MATCH EXISTING ELEVATION

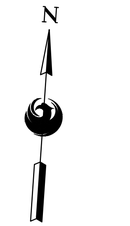
NO CIVIL GRADING THIS SHEET

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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ARIZONA811

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PRIME CONSULTANT

TRACE CONSULTING

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT

RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4

AV31000092 FAA

Designed by: T. ROTH

Drawn by: E. MAUPIN

Checked by: G. SHAW

Date: 02/27/2026

Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

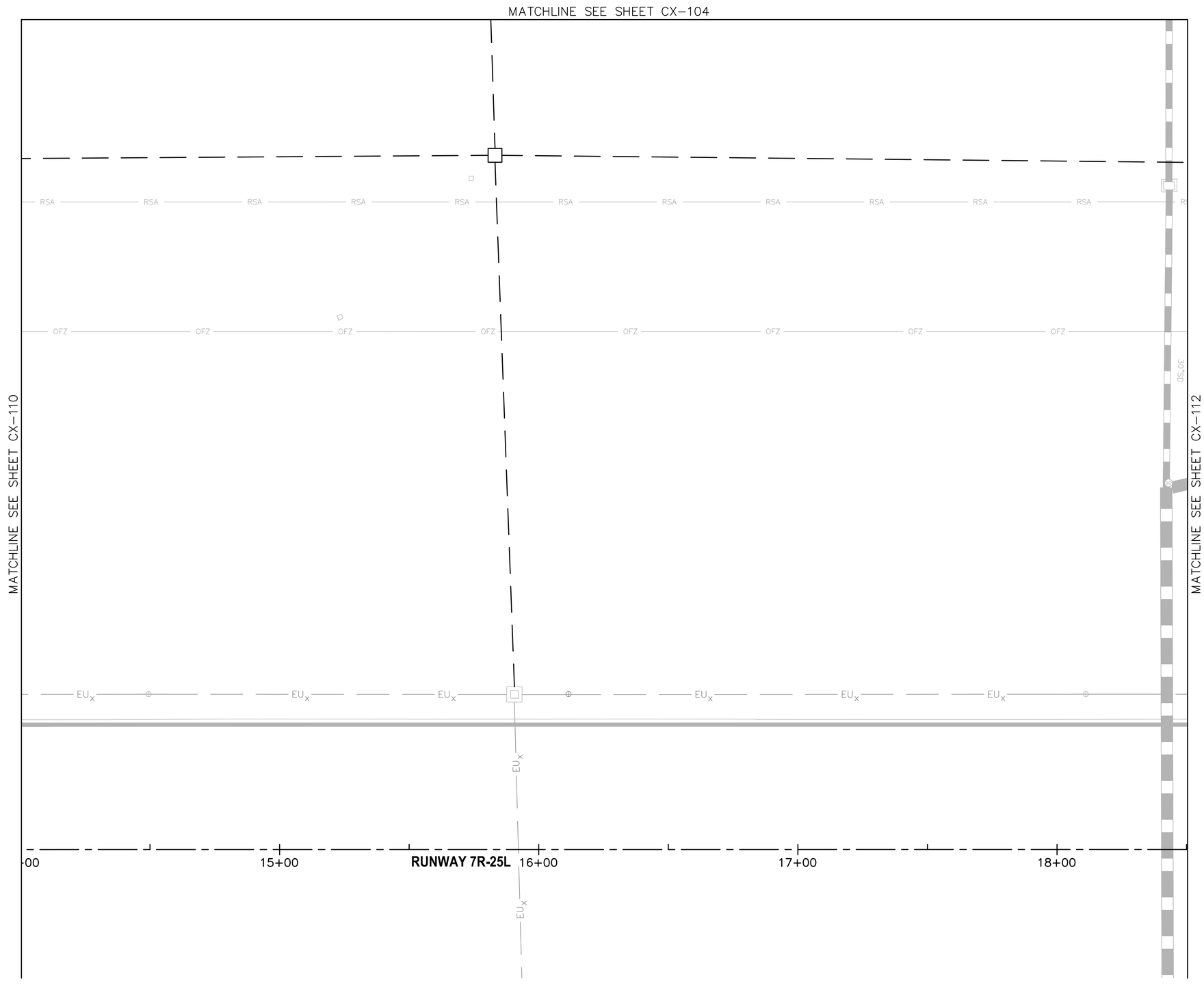
PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:

CX-110

SHEET 57 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMPs\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CX-110_GMP4.dwg - Feb 26,2026 - 10:18am



LEGEND

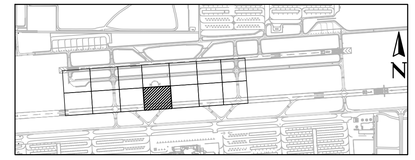
1. ADD 1400 TO ALL ELEVATIONS

+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

NO CIVIL GRADING THIS SHEET

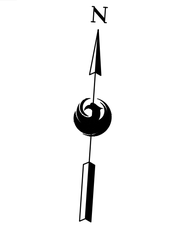
REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com



SCALE:1"=20'

PRIME CONSULTANT
TRACE CONSULTING
1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

SUB CONSULTANT

90% SUBMITTAL

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

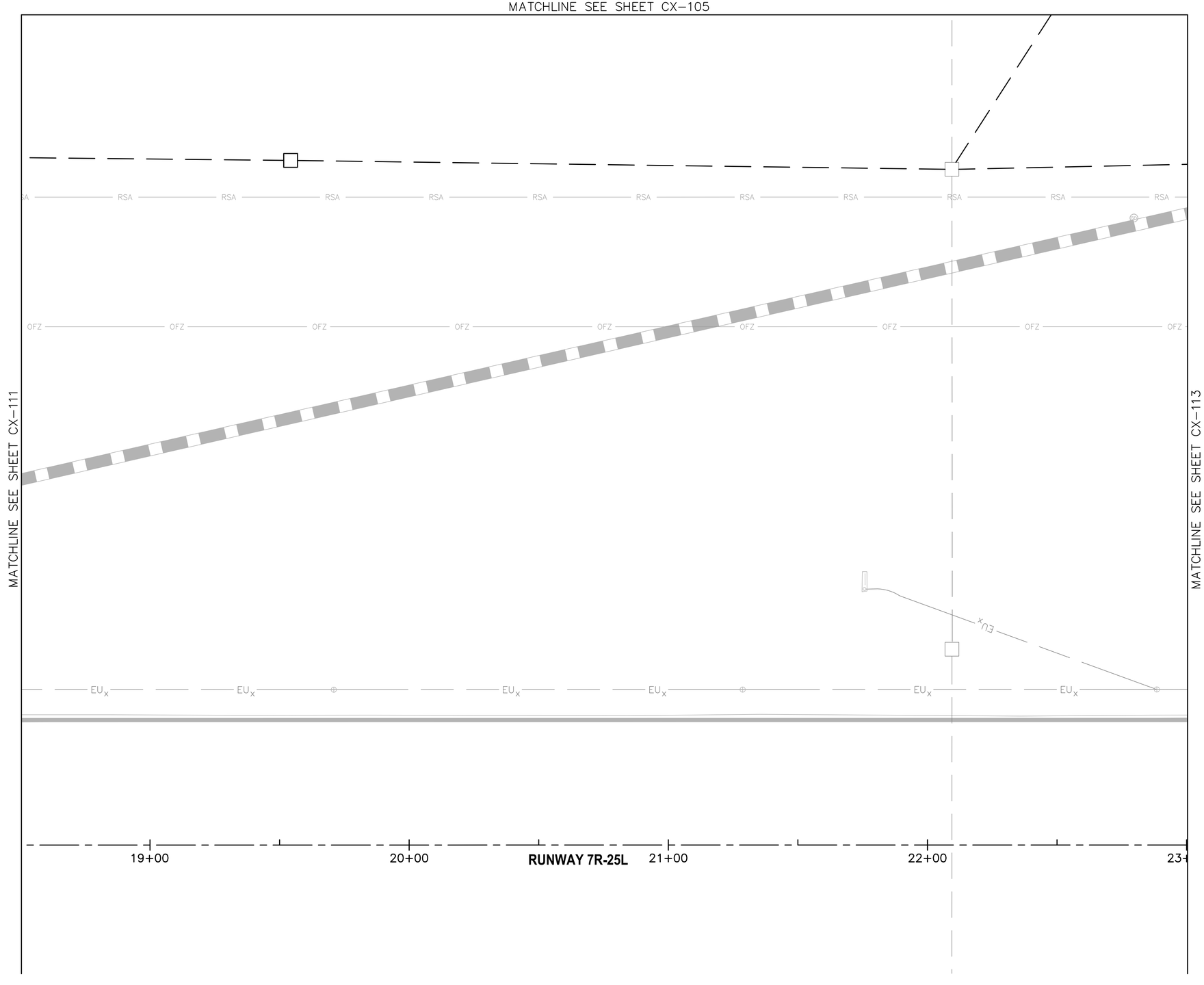
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-111

SHEET 58 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\Design\Dwg\Dwg\ AV31000092-1-CX-111-GMP4.dwg - Feb 26,2026 - 10:20am



LEGEND

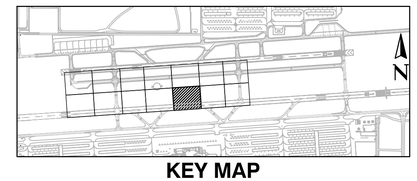
1. ADD 1400 TO ALL ELEVATIONS

+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

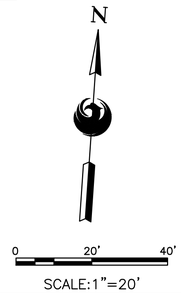
NO CIVIL GRADING THIS SHEET

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

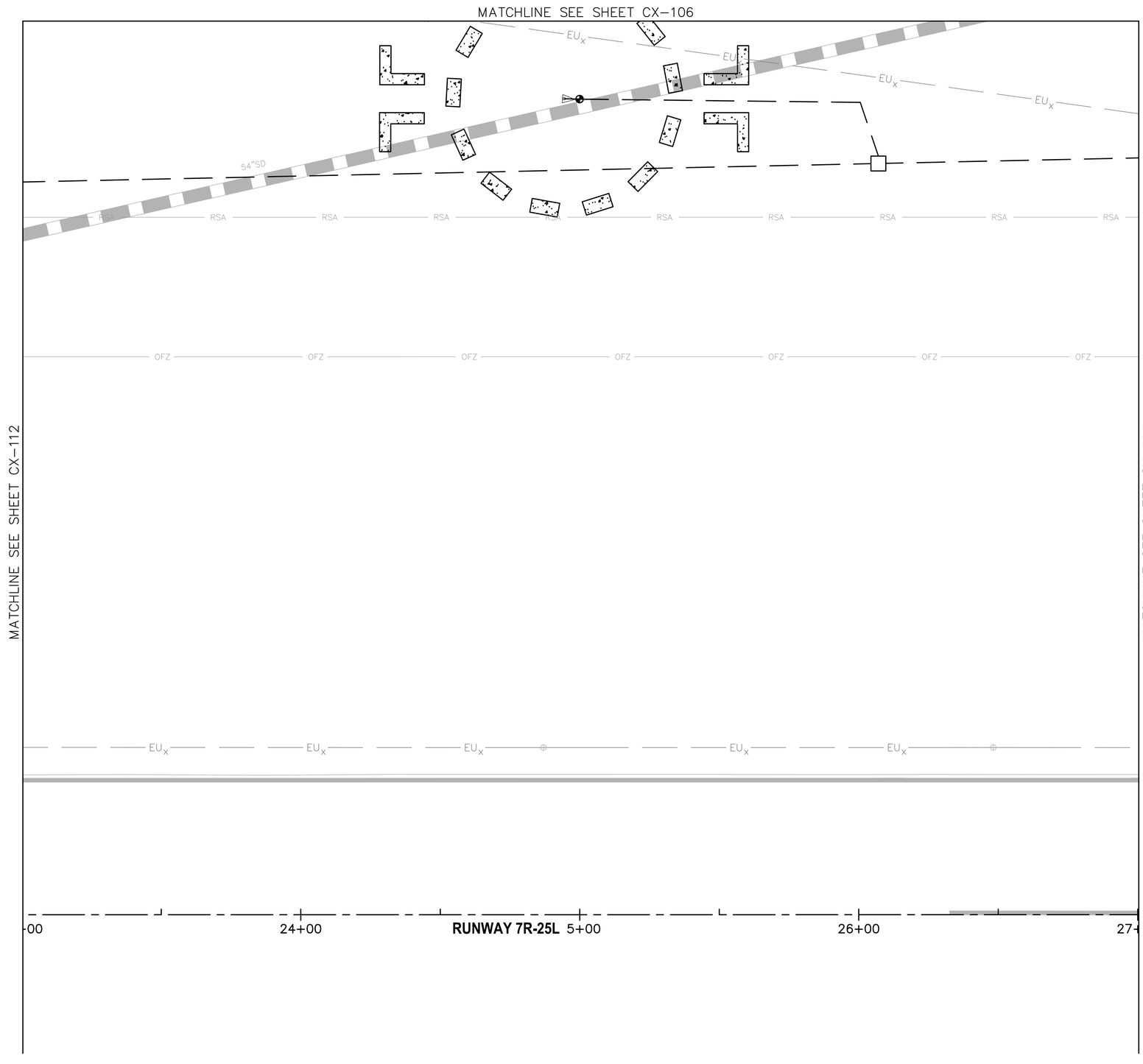
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-112

SHEET 59 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP's\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CX-112-GMP4.dwg - Feb 26,2026 - 10:21am



LEGEND

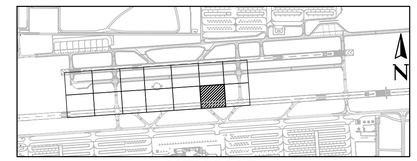
1. ADD 1400 TO ALL ELEVATIONS

+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

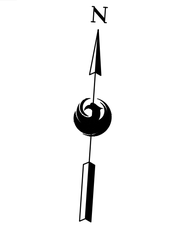
NO CIVIL GRADING THIS SHEET

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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ARIZONA811
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PRIME CONSULTANT
TRACE CONSULTING
1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

SUB CONSULTANT

90% SUBMITTAL
PRELIMINARY NOT FOR CONSTRUCTION

"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX"

NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

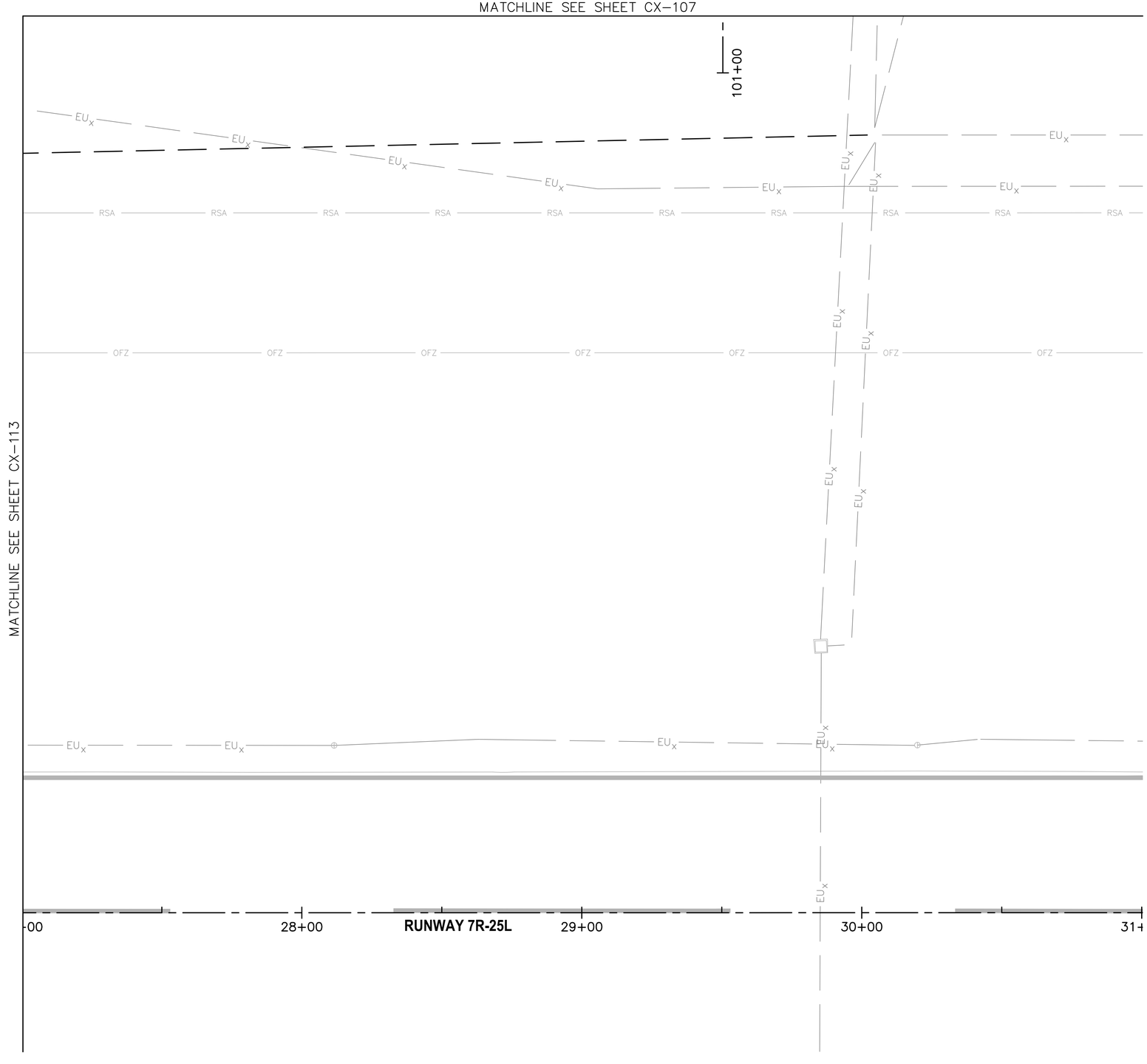
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-113

SHEET 60 OF 161

N:\2024\241104 - PVT Taxiway B Relocation GMP's\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CX-113-GMP4.dwg - Feb 26,2026 - 10:22am



LEGEND

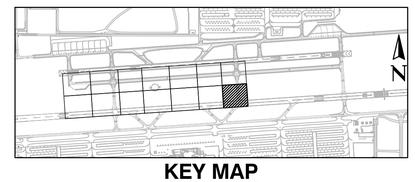
1. ADD 1400 TO ALL ELEVATIONS

+XX.XX	PROPOSED ELEVATION
+(XX.XX)±	MATCH EXISTING ELEVATION

NO CIVIL GRADING THIS SHEET

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



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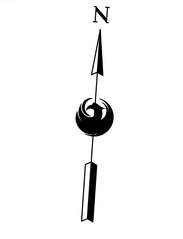

SCALE:1"=20'

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PRIME CONSULTANT
TRACE CONSULTING
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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

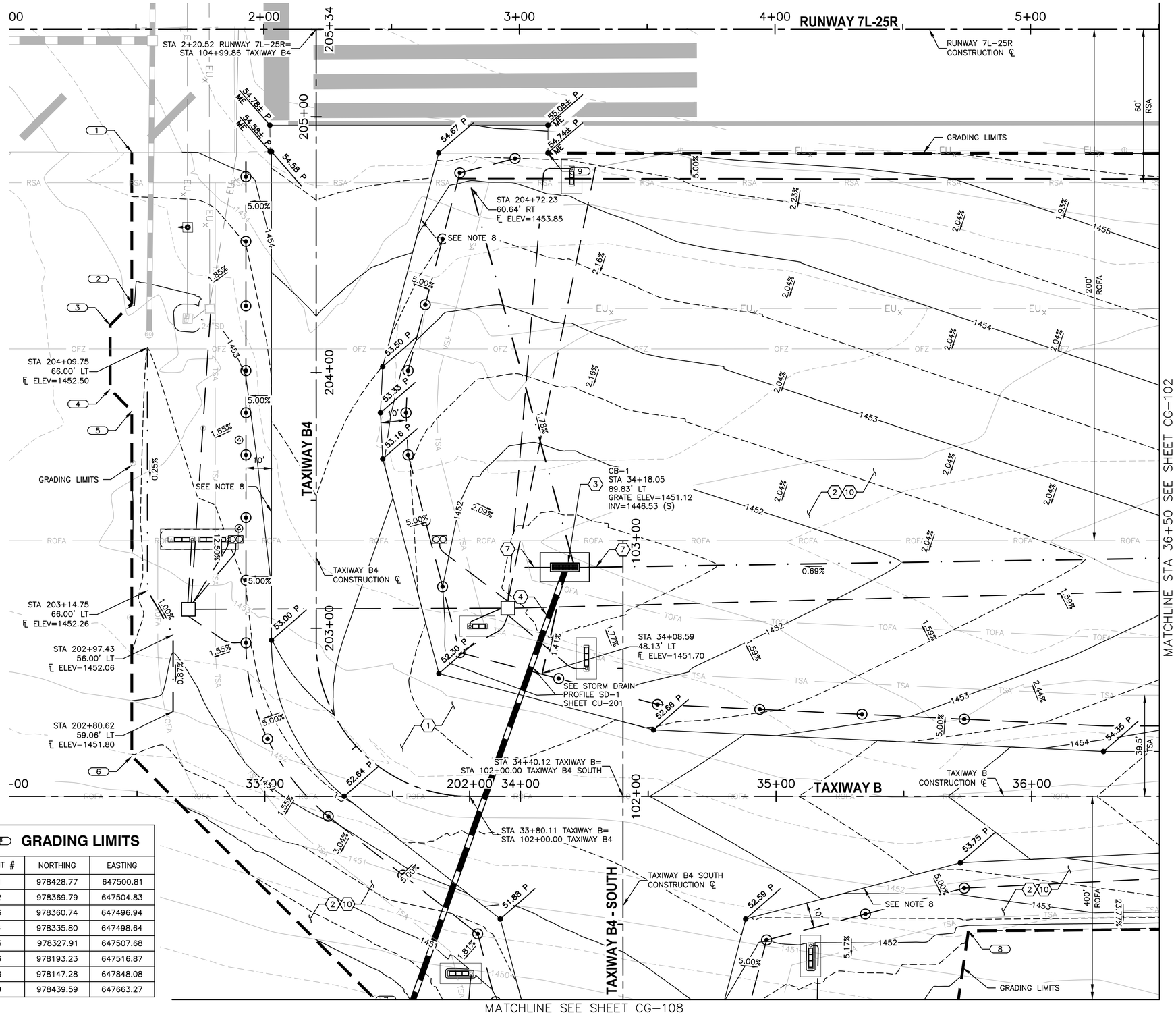
SHEET OVERVIEW TITLE

PAVEMENT STAKING PLAN

SHEET REFERENCE NUMBER:
CX-114

SHEET 61 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CX-114-GMP4.dwg - Feb 26,2026 - 10:23am



GRADING LIMITS

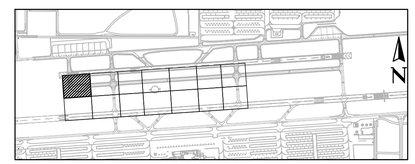
POINT #	NORTHING	EASTING
1	978428.77	647500.81
2	978369.79	647504.83
3	978360.74	647496.94
4	978335.80	647498.64
5	978327.91	647507.68
6	978193.23	647516.87
8	978147.28	647848.08
9	978439.59	647663.27

CONSTRUCTION NOTES

1. CONSTRUCT NEW AC TAXIWAY PAVEMENT, SEE TYPICAL SECTION SHEET CS-301
2. HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)
3. CONSTRUCT NEW AIRFIELD CONCRETE CATCH BASIN (TRIPLE GRATE) PER COP STD DTL P1570
4. INSTALL NEW 24" RGRCP (CLASS V) PER D-701
7. INSTALL NEW 4" HDPE PERFORATED PIPE PER DETAIL 1, SHEET CU-501
10. APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

N
0 20' 40'
SCALE:1"=20'
C.I.=.5'

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SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

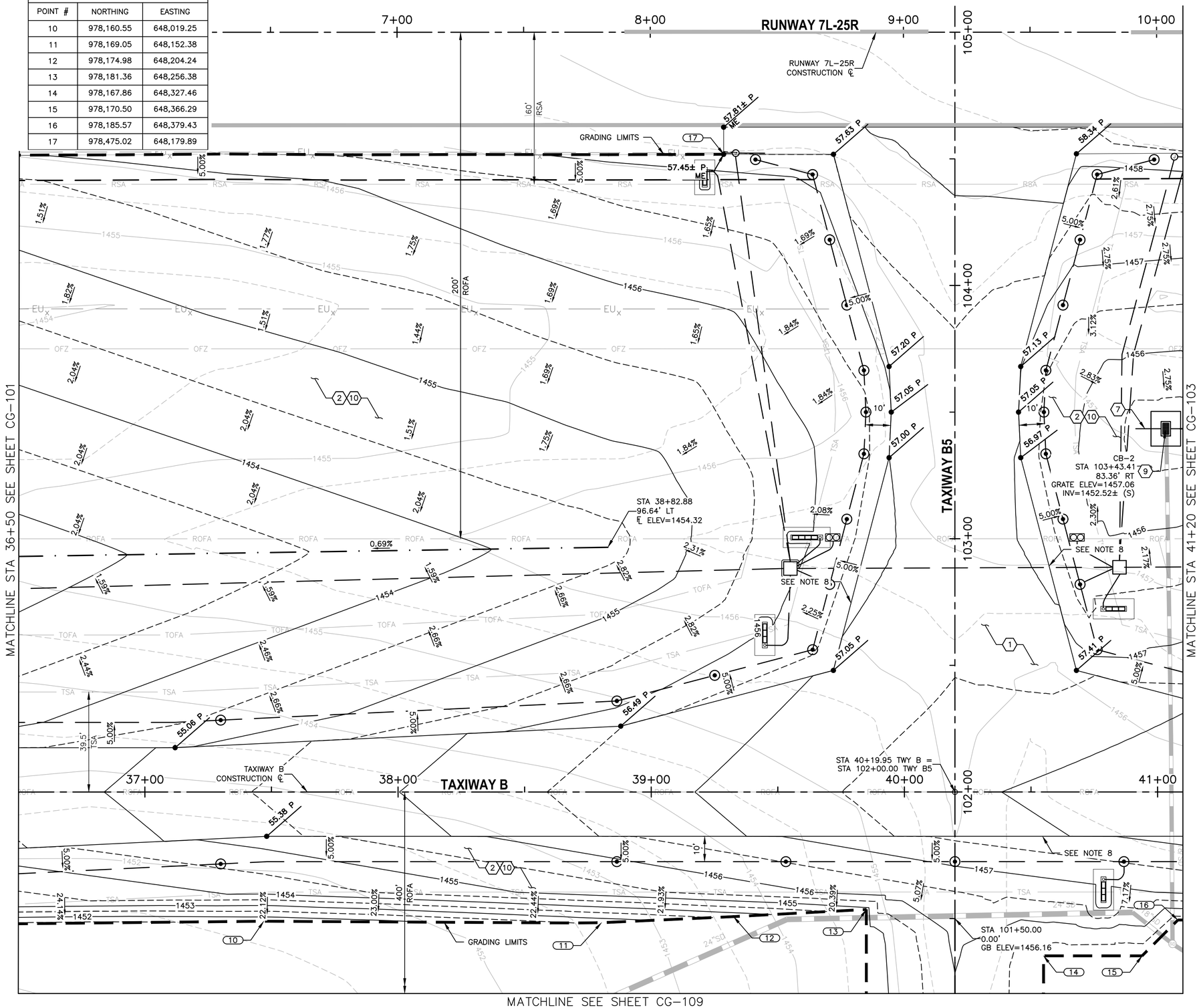
SHEET REFERENCE NUMBER:
CG-101

SHEET 62 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CG-101-GMP4.dwg - Feb 26,2026 10:25am

GRADING LIMITS

POINT #	NORTHING	EASTING
10	978,160.55	648,019.25
11	978,169.05	648,152.38
12	978,174.98	648,204.24
13	978,181.36	648,256.38
14	978,167.86	648,327.46
15	978,170.50	648,366.29
16	978,185.57	648,379.43
17	978,475.02	648,179.89

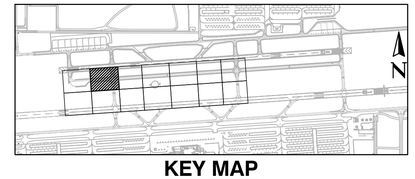


CONSTRUCTION NOTES

1. CONSTRUCT NEW AC TAXIWAY PAVEMENT, SEE TYPICAL SECTION SHEET CS-301
2. HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)
7. INSTALL NEW 4" HDPE PERFORATED PIPE PER DETAIL 1, SHEET CU-501
9. CONSTRUCT NEW AIRFIELD CONCRETE CATCH BASIN (DOUBLE GRATE) PER MAG STD DTL 538
10. APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP

Contact Arizona 811 at least two full working days before you begin excavation
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N

0 20' 40'

SCALE:1"=20'
C.I.=.5'

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SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BY
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

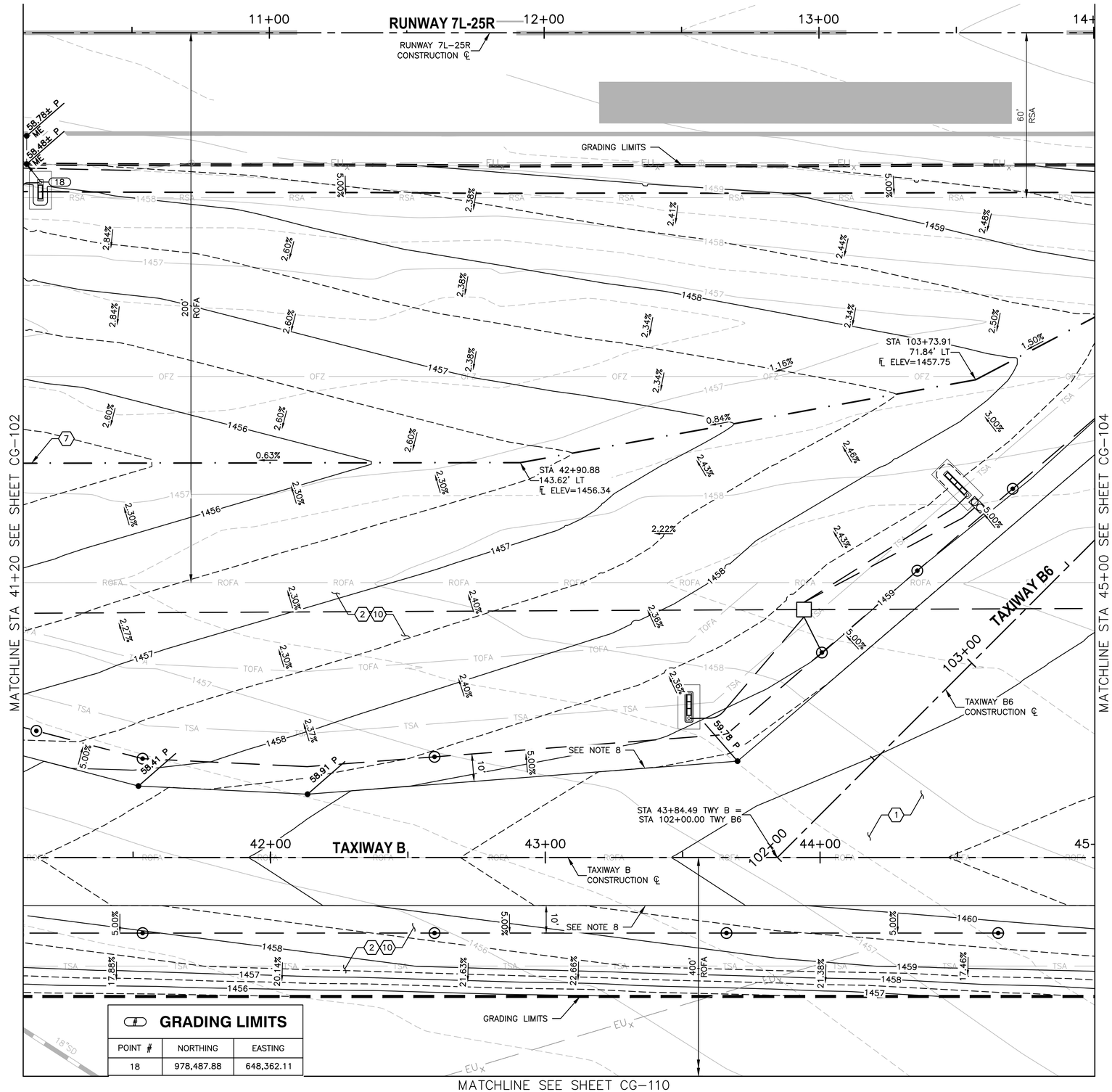
SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER:
CG-102

SHEET 63 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092_1-CG-102-GMP4.dwg — Feb 28,2026 10:27am



GRADING LIMITS

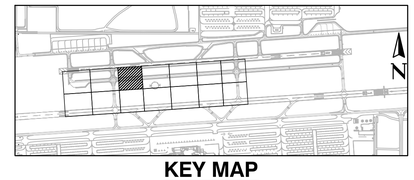
POINT #	NORTHING	EASTING
18	978,487.88	648,362.11

CONSTRUCTION NOTES

1. CONSTRUCT NEW AC TAXIWAY PAVEMENT, SEE TYPICAL SECTION SHEET CS-301
2. HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)
7. INSTALL NEW 4" HDPE PERFORATED PIPE PER DETAIL 1, SHEET CU-501
10. APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP

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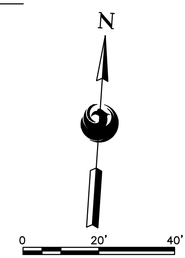
ARIZONA 811
Call 811 or click Arizona811.com



SCALE:1"=20'
C.I.=.5'

PRIME CONSULTANT: TRACE CONSULTING, 1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034
SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

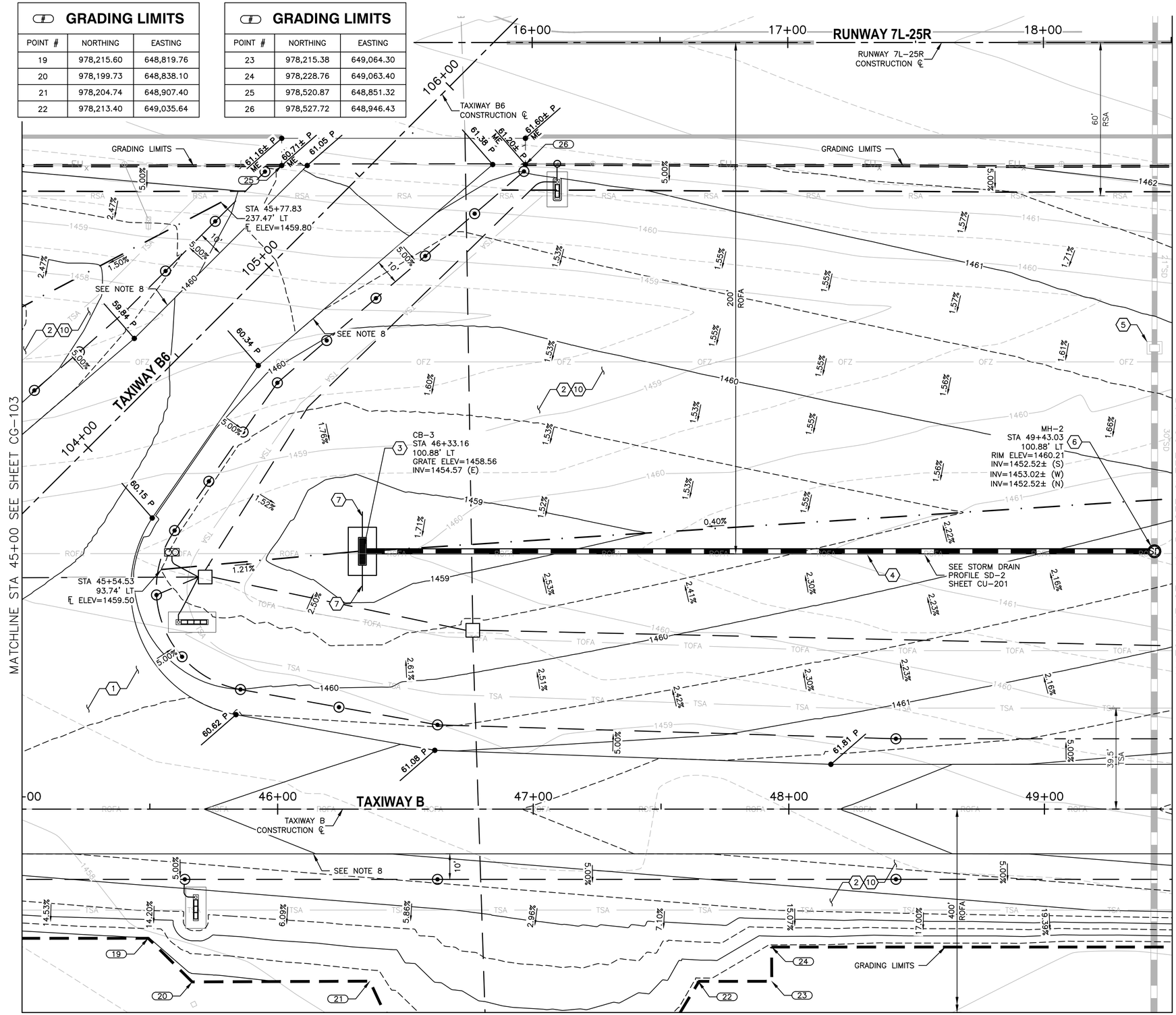
GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER:
CG-103
SHEET 64 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CG-103-GMP4.dwg - Feb 26,2026 10:29am

GRADING LIMITS		
POINT #	NORTHING	EASTING
19	978,215.60	648,819.76
20	978,199.73	648,838.10
21	978,204.74	648,907.40
22	978,213.40	649,035.64

GRADING LIMITS		
POINT #	NORTHING	EASTING
23	978,215.38	649,064.30
24	978,228.76	649,063.40
25	978,520.87	648,851.32
26	978,527.72	648,946.43

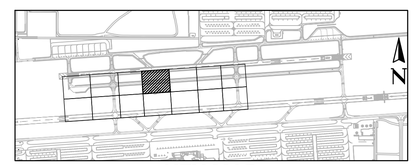


CONSTRUCTION NOTES

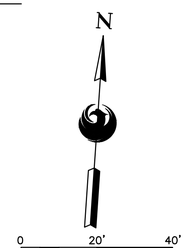
1. CONSTRUCT NEW AC TAXIWAY PAVEMENT, SEE TYPICAL SECTION SHEET CS-301
2. HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)
3. CONSTRUCT NEW AIRFIELD CONCRETE CATCH BASIN (TRIPLE GRATE) PER COP STD DTL P1570
4. INSTALL NEW 24" RGRCP (CLASS V) PER D-701
5. CONSTRUCT CONCRETE CAP ON EXISTING CATCH BASIN PER DETAIL 1, SHEET CU-201
6. CONSTRUCT NEW STORM DRAIN MANHOLE PER COP STD DTL P1520 AND MAG STD DTL 522
10. APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP



SCALE:1"=20'
C.I.=.5'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

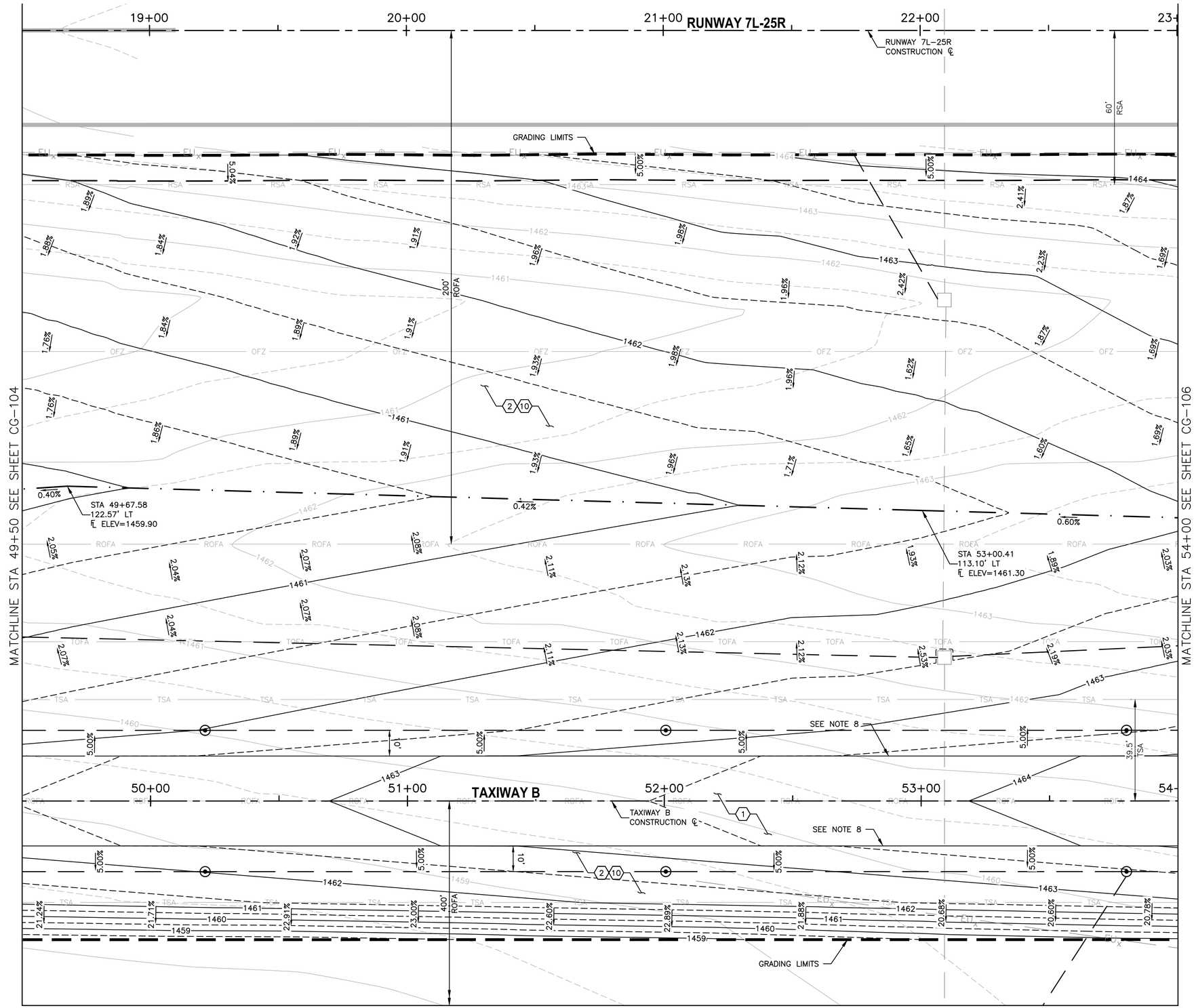
SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER:
CG-104

SHEET 65 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CG-104-GMP4.dwg - Feb 26,2026 10:31am

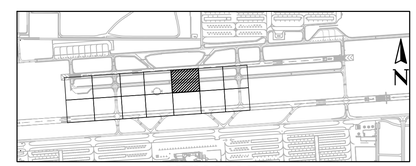


CONSTRUCTION NOTES

1. CONSTRUCT NEW AC TAXIWAY PAVEMENT, SEE TYPICAL SECTION SHEET CS-301
2. HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)
10. APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP

SCALE:1"=20'
C.I.=.5'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

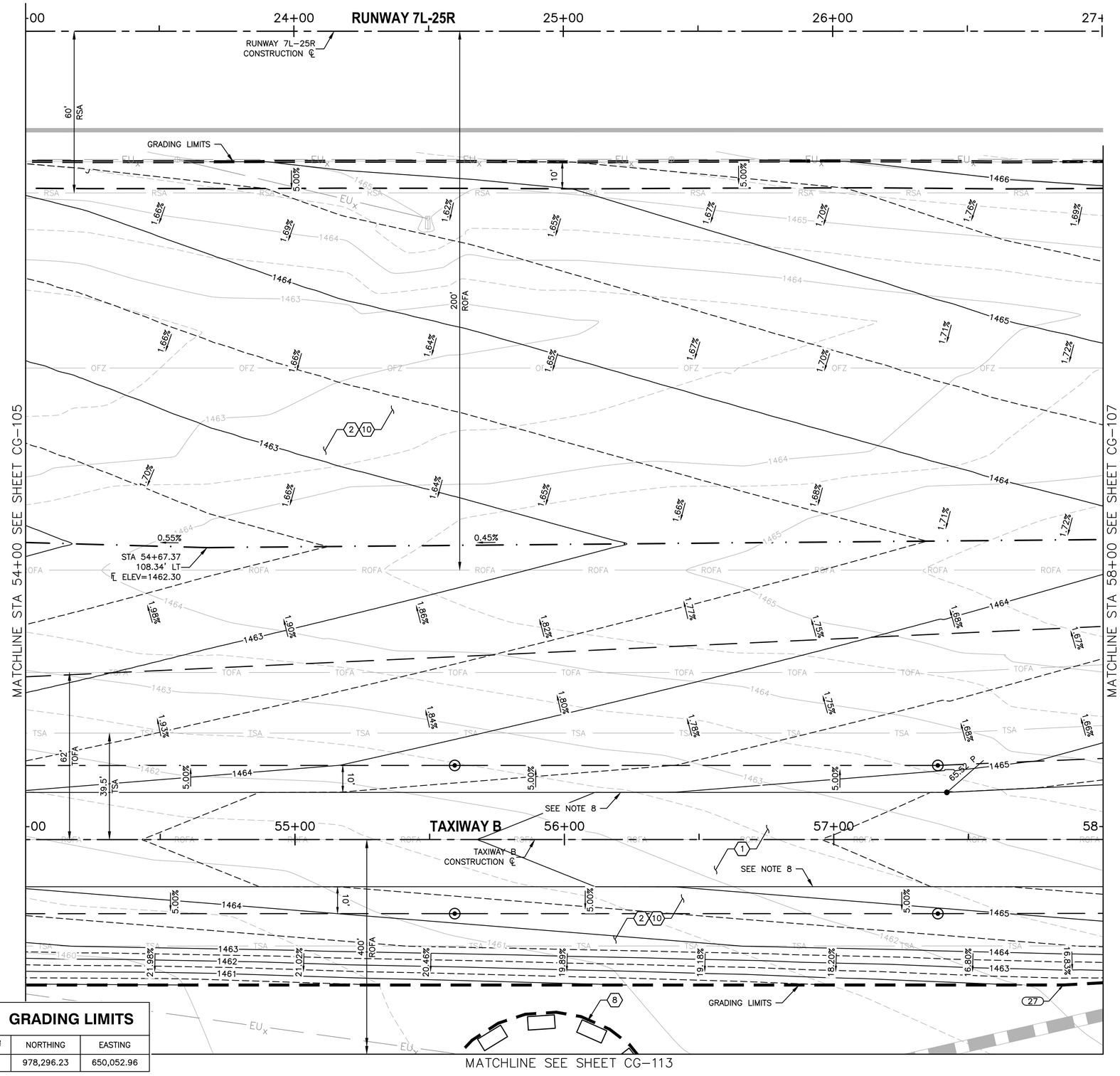
SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER:
CG-105

SHEET 66 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CG-105-GMP4.dwg - Feb 26,2026 10:34am



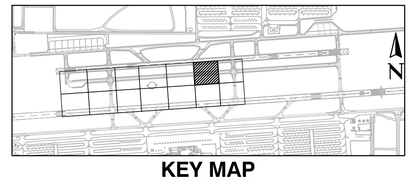
#	GRADING LIMITS	
POINT #	NORTHING	EASTING
27	978,296.23	650,052.96

CONSTRUCTION NOTES

1. CONSTRUCT NEW AC TAXIWAY PAVEMENT, SEE TYPICAL SECTION SHEET CS-301
2. HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)
8. CONSTRUCT REINFORCED CONCRETE SEGMENTED CIRCLE. SEE SHEET CS-501
10. APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

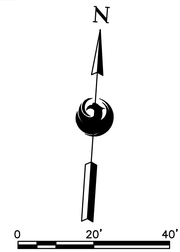
REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com



SCALE:1"=20'
C.I.=.5'

PRIME CONSULTANT: TRACE CONSULTING, 1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034
SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

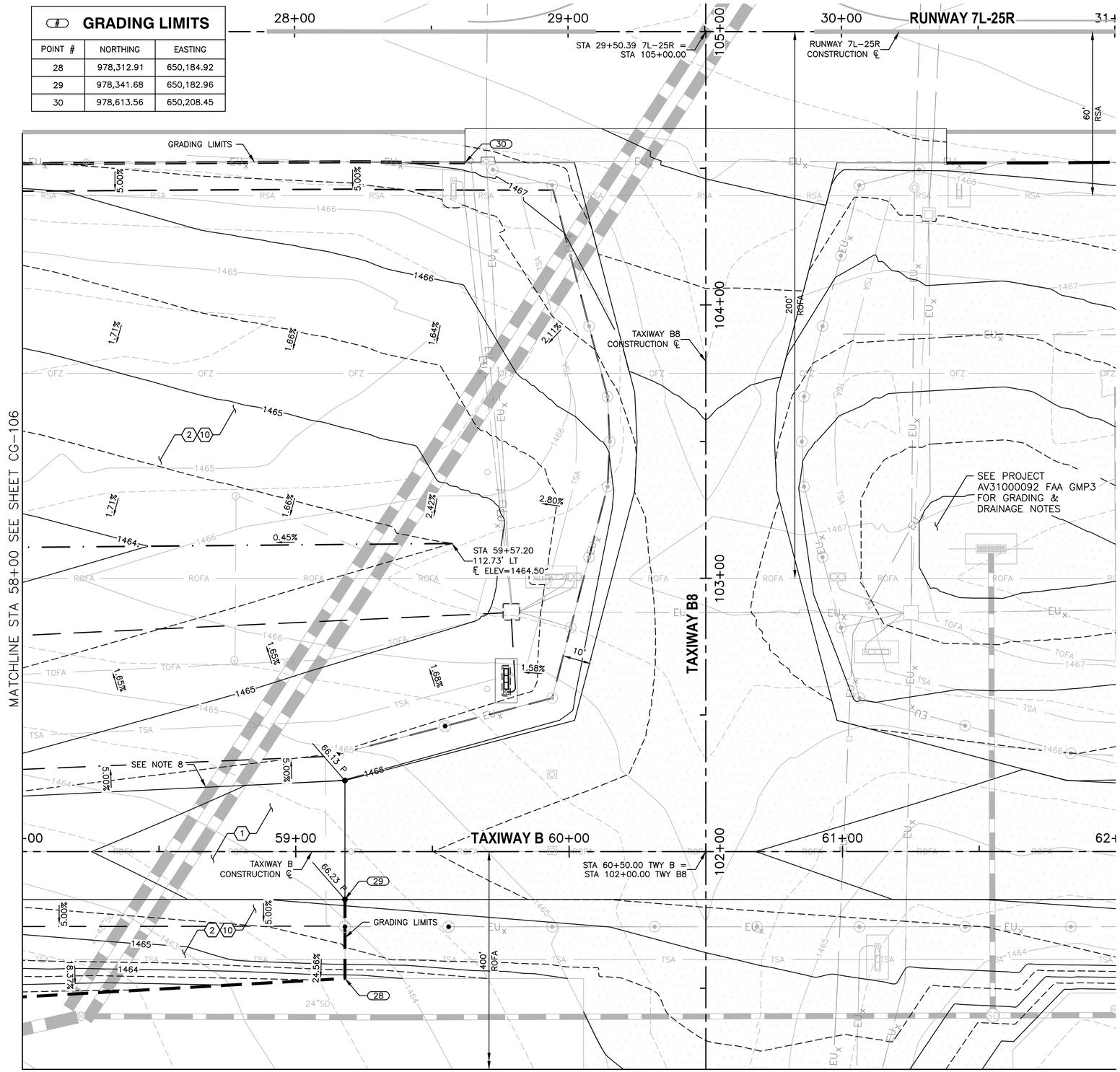
SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER:
CG-106
SHEET 67 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CG-106-GMP4.dwg - Feb 26,2026 - 10:36am

GRADING LIMITS		
POINT #	NORTHING	EASTING
28	978,312.91	650,184.92
29	978,341.68	650,182.96
30	978,613.56	650,208.45



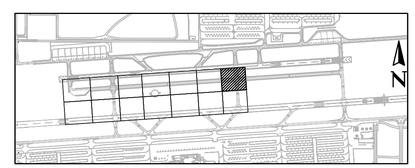
CONSTRUCTION NOTES

1. CONSTRUCT NEW AC TAXIWAY PAVEMENT, SEE TYPICAL SECTION SHEET CS-301
2. HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)
3. CONSTRUCT NEW AIRFIELD CONCRETE CATCH BASIN (TRIPLE GRATE) PER COP STD DTL P1570
4. INSTALL NEW 24" RGRCP (CLASS V) PER D-701
6. CONSTRUCT NEW STORM DRAIN MANHOLE PER COP STD DTL P1520 AND MAG STD DTL 522
8. CONSTRUCT REINFORCED CONCRETE SEGMENTED CIRCLE. SEE SHEET CS-501
10. APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE PROJECT AV31000092 FAA GMP3

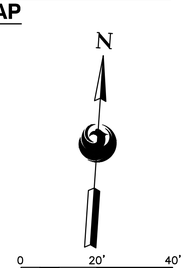
REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com



SCALE:1"=20'
C.I.=.5'

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SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

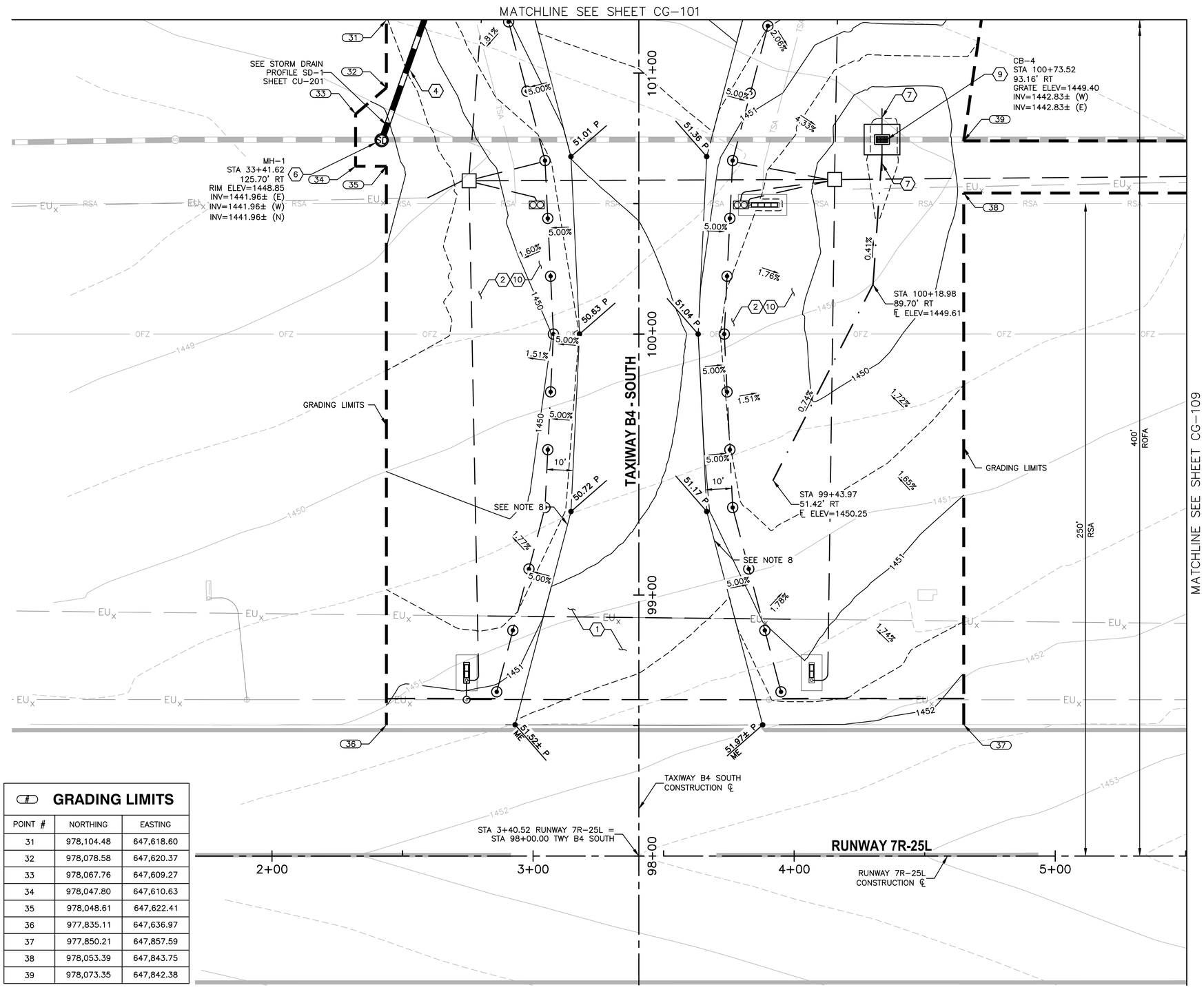
SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER: CG-107

SHEET 68 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CG-107-GMP4.dwg - Feb 26,2026 10:39am



GRADING LIMITS

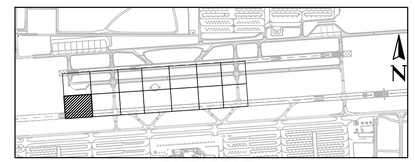
POINT #	NORTHING	EASTING
31	978,104.48	647,618.60
32	978,078.58	647,620.37
33	978,067.76	647,609.27
34	978,047.80	647,610.63
35	978,048.61	647,622.41
36	977,835.11	647,636.97
37	977,850.21	647,857.59
38	978,053.39	647,843.75
39	978,073.35	647,842.38

CONSTRUCTION NOTES

1. CONSTRUCT NEW AC TAXIWAY PAVEMENT, SEE TYPICAL SECTION SHEET CS-301
2. HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION PER SPECIAL PROVISION ITEM XX
4. INSTALL NEW 24" RGRCP (CLASS V) PER D-701
6. CONSTRUCT NEW STORM DRAIN MANHOLE PER COP STD DTL P1520 AND MAG STD DTL 522
7. INSTALL NEW 4" HDPE PERFORATED PIPE PER DETAIL 1, SHEET CU-501
9. CONSTRUCT NEW AIRFIELD CONCRETE CATCH BASIN (DOUBLE GRATE) PER MAG STD DTL 538
10. APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP

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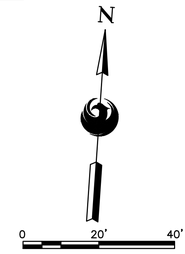
ARIZONA811
Call 811 or click Arizona811.com



SCALE:1"=20'
C.I.=.5'

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SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

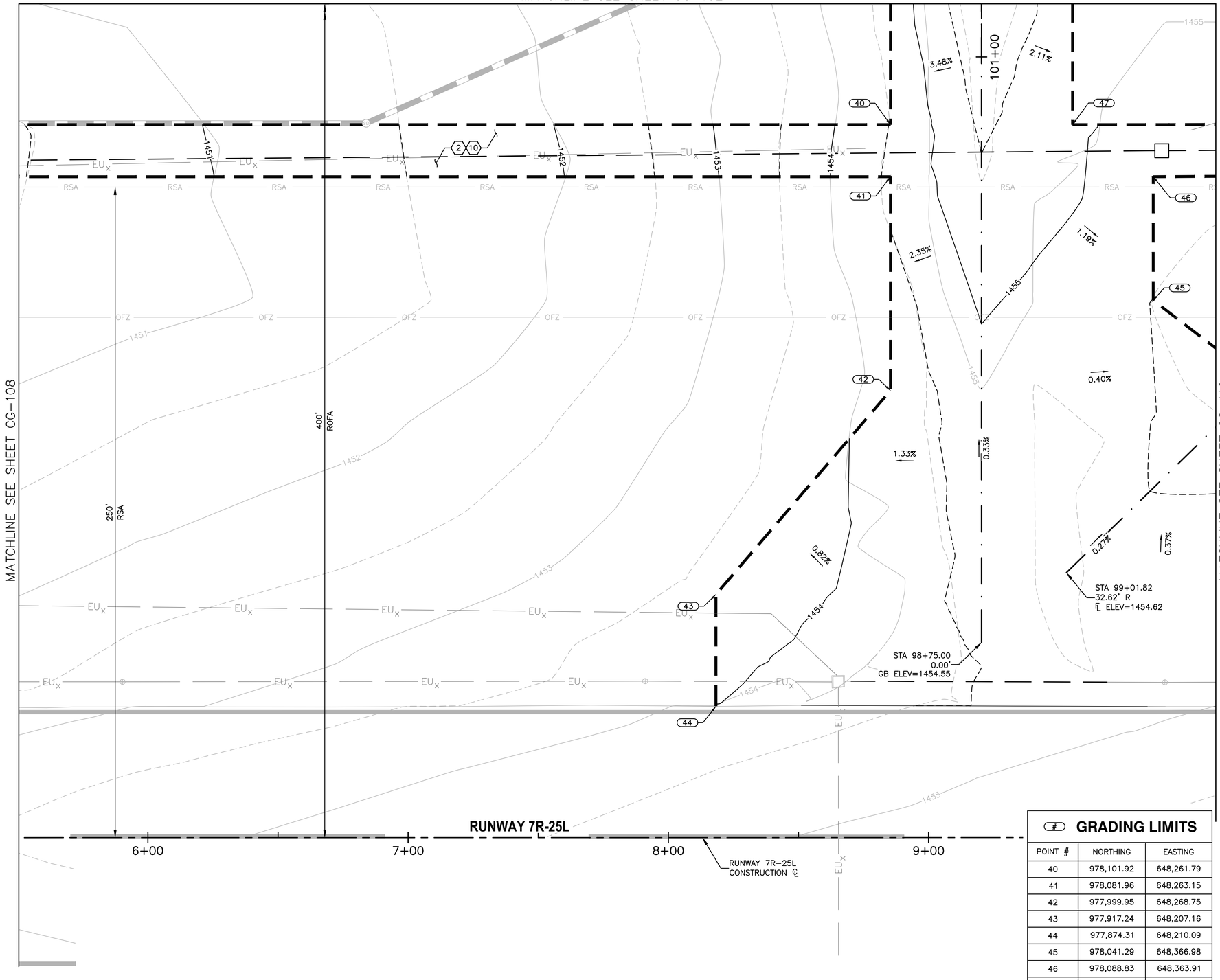
SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER:
CG-108

SHEET 69 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CG-108-GMP4.dwg - Feb 28,2026 10:41am



GRADING LIMITS

POINT #	NORTHING	EASTING
40	978,101.92	648,261.79
41	978,081.96	648,263.15
42	977,999.95	648,268.75
43	977,917.24	648,207.16
44	977,874.31	648,210.09
45	978,041.29	648,366.98
46	978,088.83	648,363.91
47	978,106.68	648,331.63

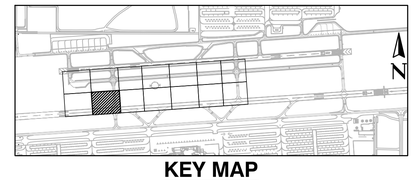
CONSTRUCTION NOTES

(2) HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)

(10) APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP

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ARIZONA811
Call 811 or click Arizona811.com

N
0 20' 40'
SCALE:1"=20'
C.I.=.5'

PRIME CONSULTANT
TRACE CONSULTING
1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

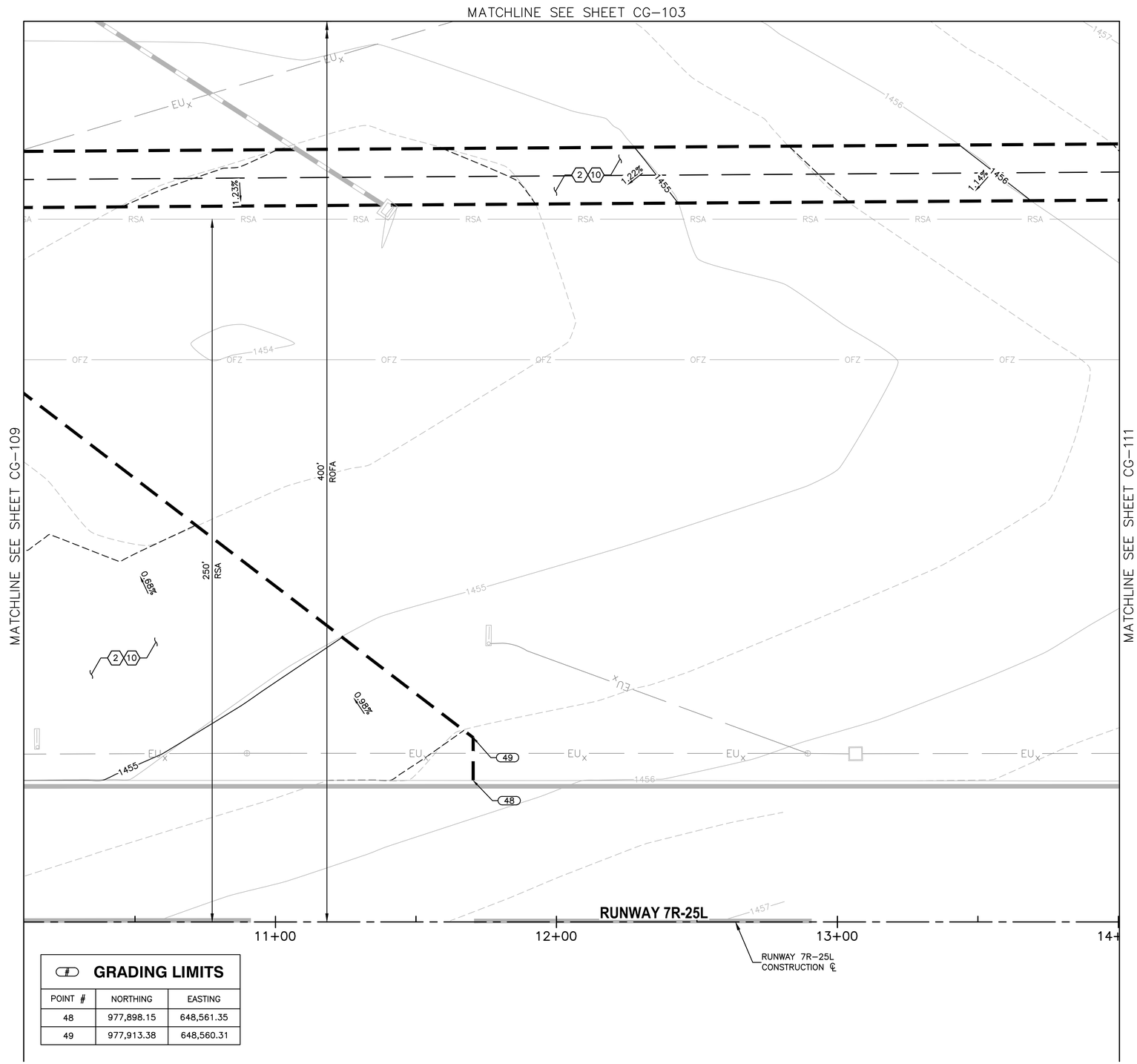
SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER:
CG-109

SHEET 70 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CG-109-GMP4.dwg - Feb 28,2026 - 10:43am



GRADING LIMITS

POINT #	NORTHING	EASTING
48	977,898.15	648,561.35
49	977,913.38	648,560.31

CONSTRUCTION NOTES

(2) HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)

(10) APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
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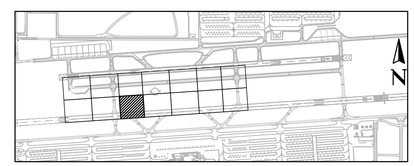
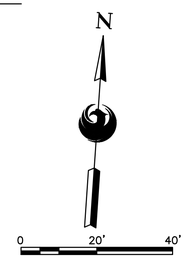
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP



SCALE:1"=20'
C.I.=.5'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BY
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
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Designed by: T. ROTH
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Dwg scale: AS SHOWN

AIP NO.:
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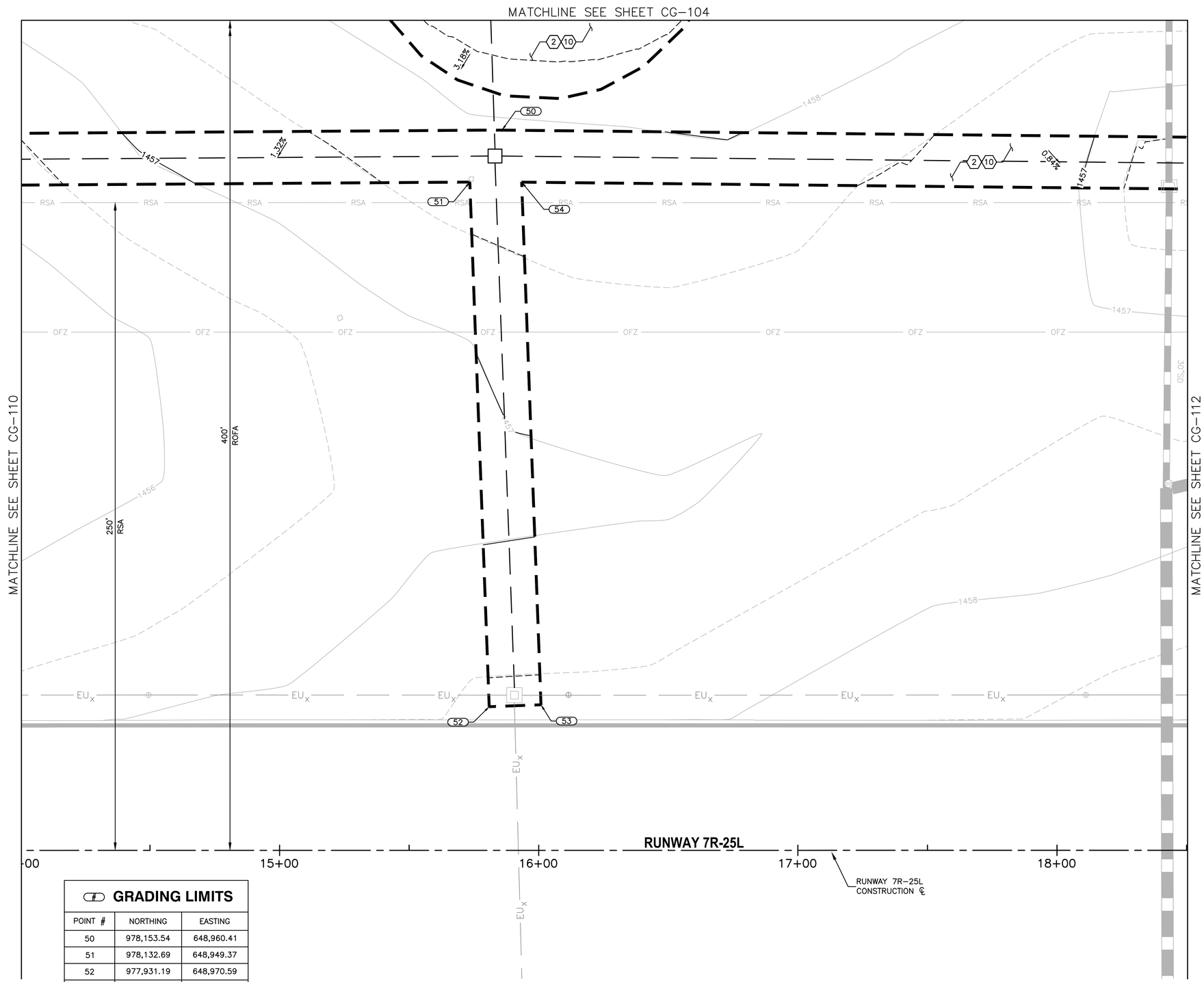
SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER:
CG-110

SHEET 71 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CG-110-GMP4.dwg — Feb 26,2026 - 10:45am



GRADING LIMITS

POINT #	NORTHING	EASTING
50	978,153.54	648,960.41
51	978,132.69	648,949.37
52	977,931.19	648,970.59
53	977,933.29	648,990.48
54	978,134.02	648,969.34

CONSTRUCTION NOTES

(2) HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)

(10) APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE NOTES

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2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
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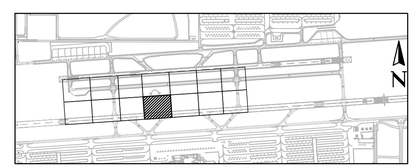
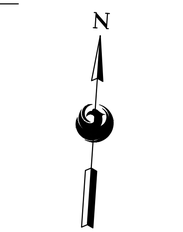
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP



SCALE:1"=20'
C.I.=.5'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER:
CG-111

SHEET 72 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CG-111-GMP4.dwg - Feb 26,2026 10:48am

MATCHLINE SEE SHEET CG-105

MATCHLINE SEE SHEET CG-111

MATCHLINE SEE SHEET CG-113

55 56 57 58

2 10

1457 1458 1459 1460

RSA OFZ EU$_X$

400' ROFA

250' RSA

RUNWAY 7R-25L

19+00 20+00 21+00 22+00 23+

RUNWAY 7R-25L CONSTRUCTION ℄

GRADING LIMITS

POINT #	NORTHING	EASTING
55	978,174.96	649,331.01
56	978,155.00	649,332.16
57	978,188.92	649,585.60
58	978,168.99	649,587.18

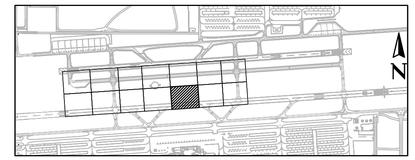
CONSTRUCTION NOTES

(2) HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)

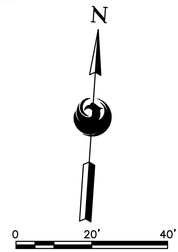
(10) APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



KEY MAP



SCALE:1"=20'
C.I.=.5'

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SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

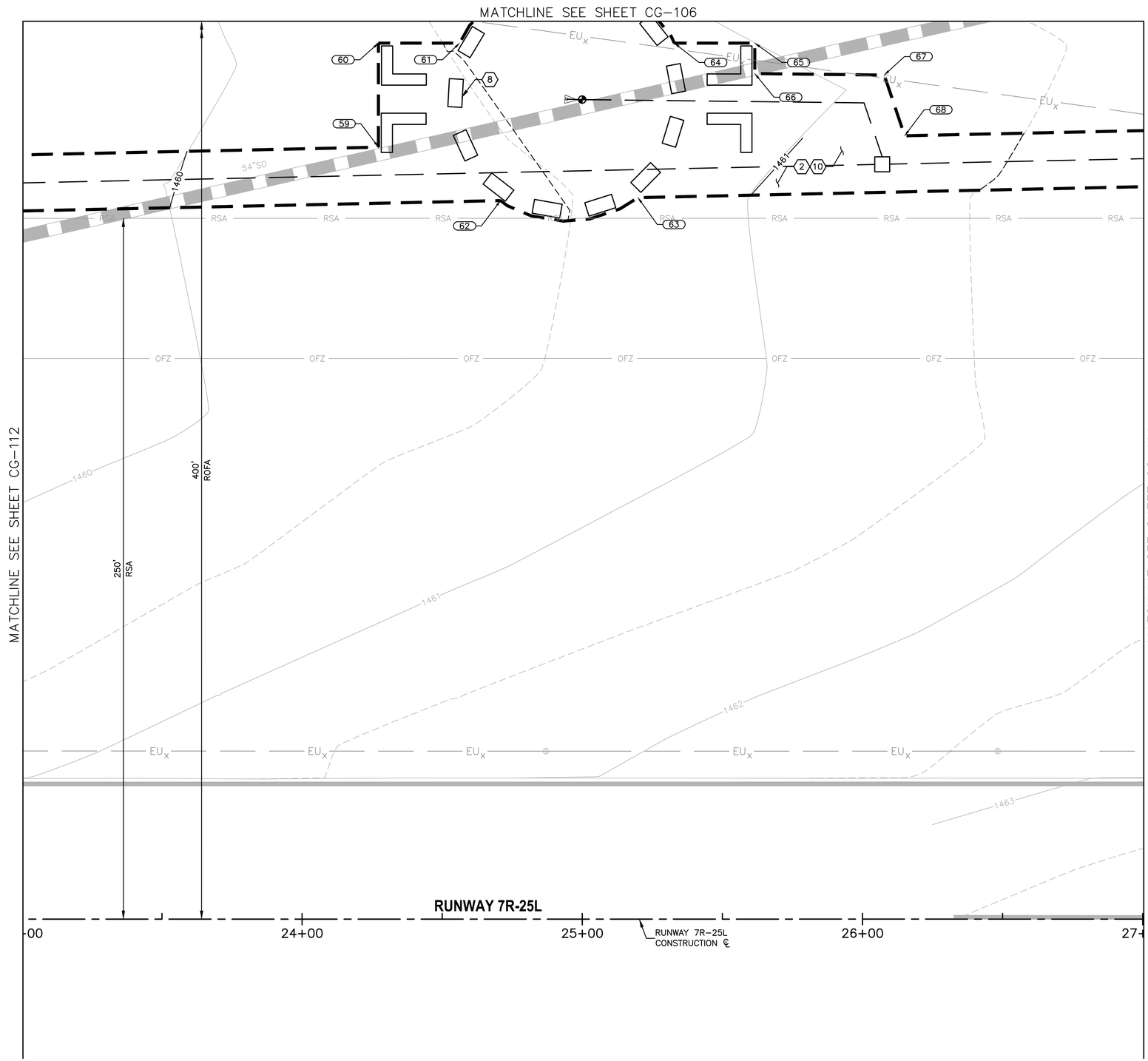
SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER:
CG-112

SHEET 73 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\Design\Dwg\Dwg\ AV31000092-1-CG-112-GMP4.dwg - Feb 26,2026, 10:50am



CONSTRUCTION NOTES

(2) HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)

(8) CONSTRUCT REINFORCED CONCRETE SEGMENTED CIRCLE. SEE SHEET CS-501

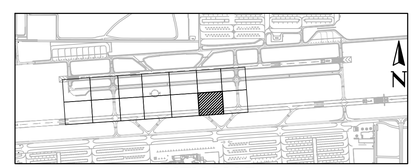
(10) APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED

GRADING LIMITS

POINT #	NORTHING	EASTING
59	978,208.20	649,800.04
60	978,245.23	649,797.52
61	978,247.20	649,826.41
62	978,192.15	649,844.80
63	978,196.54	649,893.66
64	978,252.42	649,902.87
65	978,254.37	649,931.50
66	978,243.53	649,932.24
67	978,246.13	649,978.38
68	978,225.03	649,987.14



KEY MAP

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ARIZONA811
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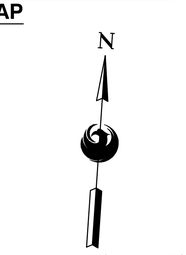

SCALE:1"=20'
C.I.=.5'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

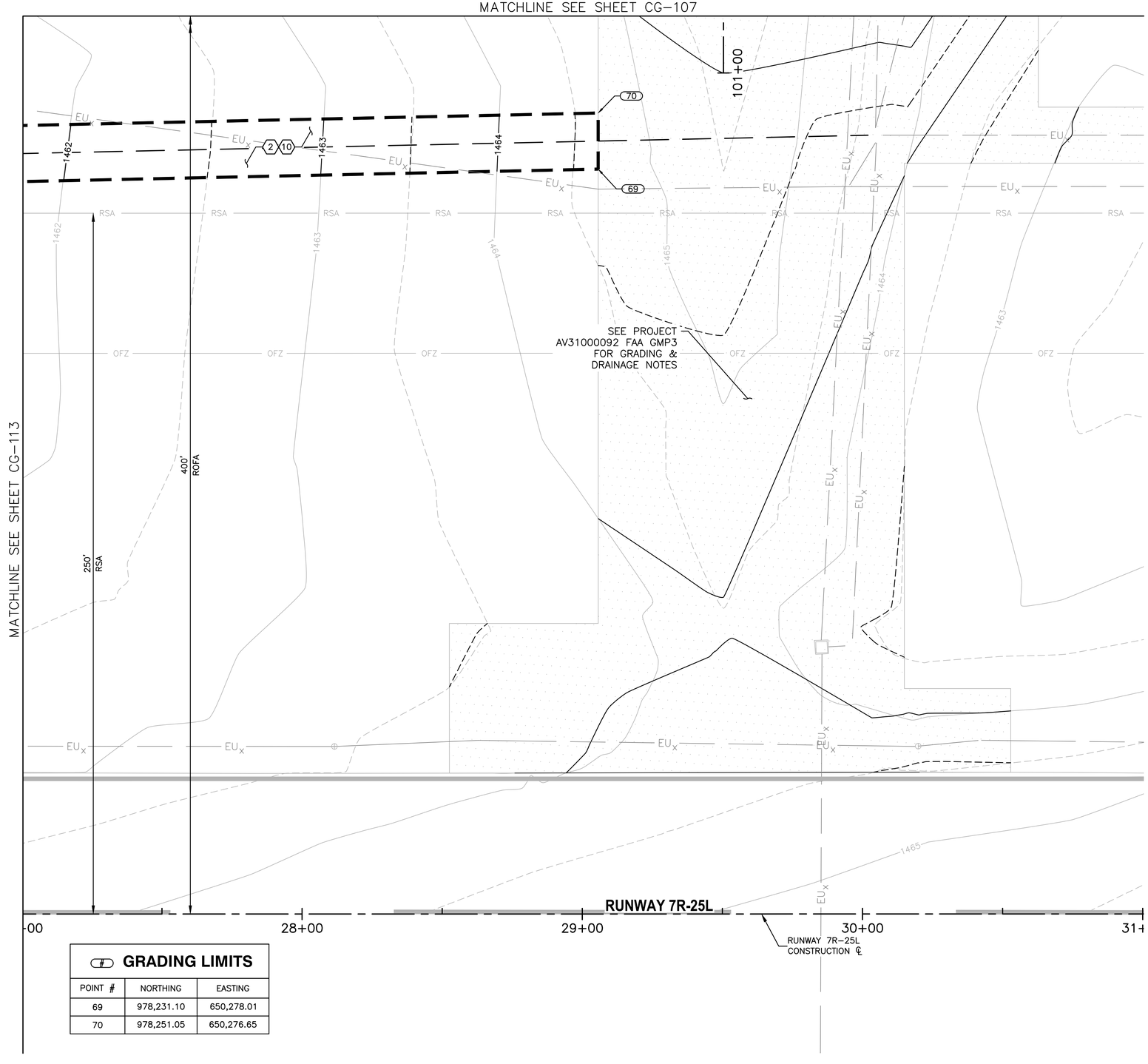
SHEET OVERVIEW TITLE

GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER: CG-113

SHEET 74 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CG-113-GMP4.dwg - Feb 26,2026 10:52am



GRADING LIMITS

POINT #	NORTHING	EASTING
69	978,231.10	650,278.01
70	978,251.05	650,276.65

CONSTRUCTION NOTES

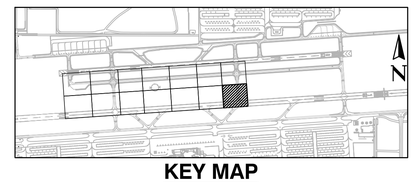
(2) HAUL AND PLACE 4" DEPTH AGGREGATE SLOPE PROTECTION (SP-38)

(10) APPLY HERBICIDE AND PRE-EMERGENT PER MAG SECTION 430.8 (SP-43)

REFERENCE PROJECT AV31000092 FAA GMP3

REFERENCE NOTES

1. SEE SHEETS CD-101 THROUGH CD-114 FOR DEMOLITION PLAN
2. SEE SHEET CS-301 FOR TYPICAL SECTIONS AND PAVEMENT STRUCTURAL SECTIONS
3. SEE SHEETS CS-101 THROUGH CS-114 FOR THE GEOMETRIC LAYOUT PLAN FOR TAXIWAY CONNECTOR GEOMETRY
4. SEE SHEETS CX-101 THROUGH CX-114 FOR THE PAVEMENT STAKING PLAN
5. ADD 1400 TO ALL SPOT ELEVATIONS SHOWN IN PLAN VIEW
6. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED
7. SEE ELECTRICAL SHEETS FOR ELECTRICAL WORK IN THIS AREA
8. PROVIDE 1.5" DROP FROM PAVEMENT ELEVATION PER TYPICAL SECTION, SHEET CS-301
9. EXISTING STRUCTURES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED



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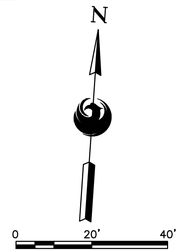

SCALE:1"=20'
C.I.=.5'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

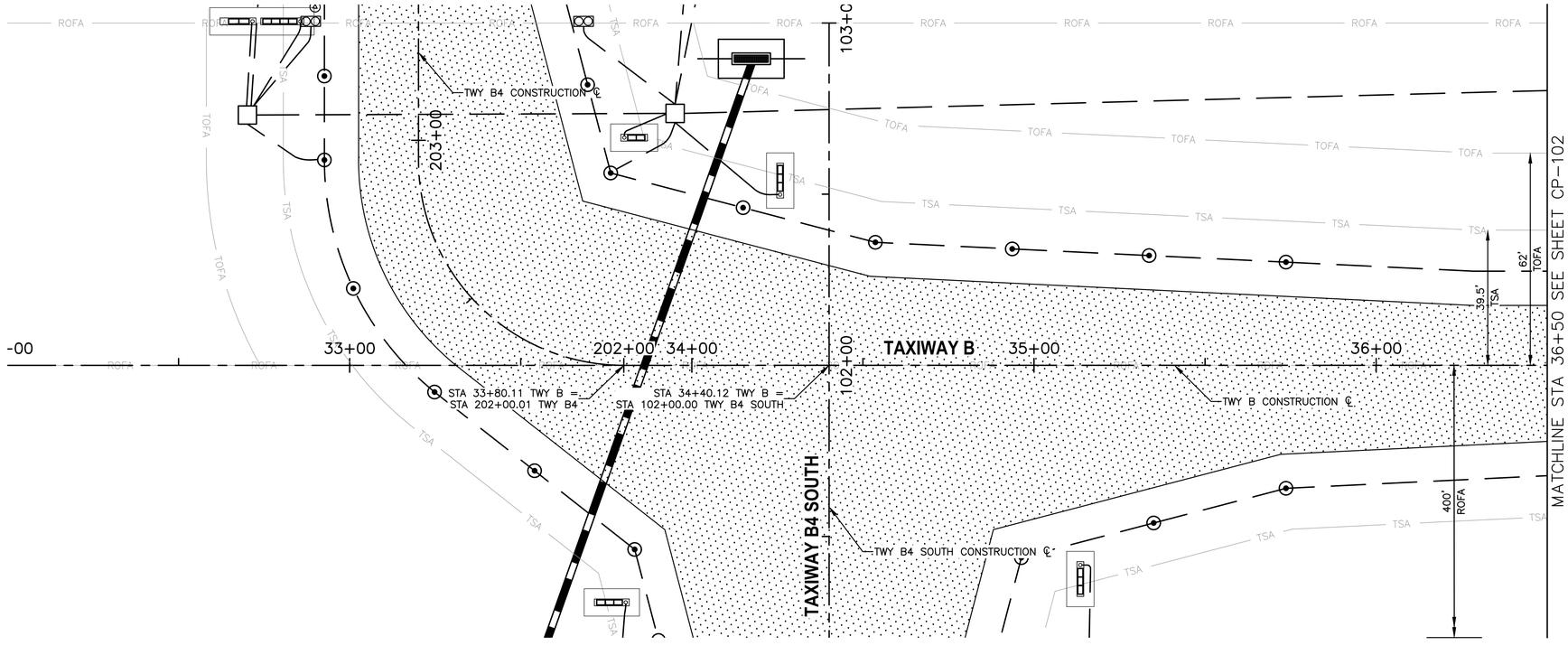
SHEET OVERVIEW TITLE

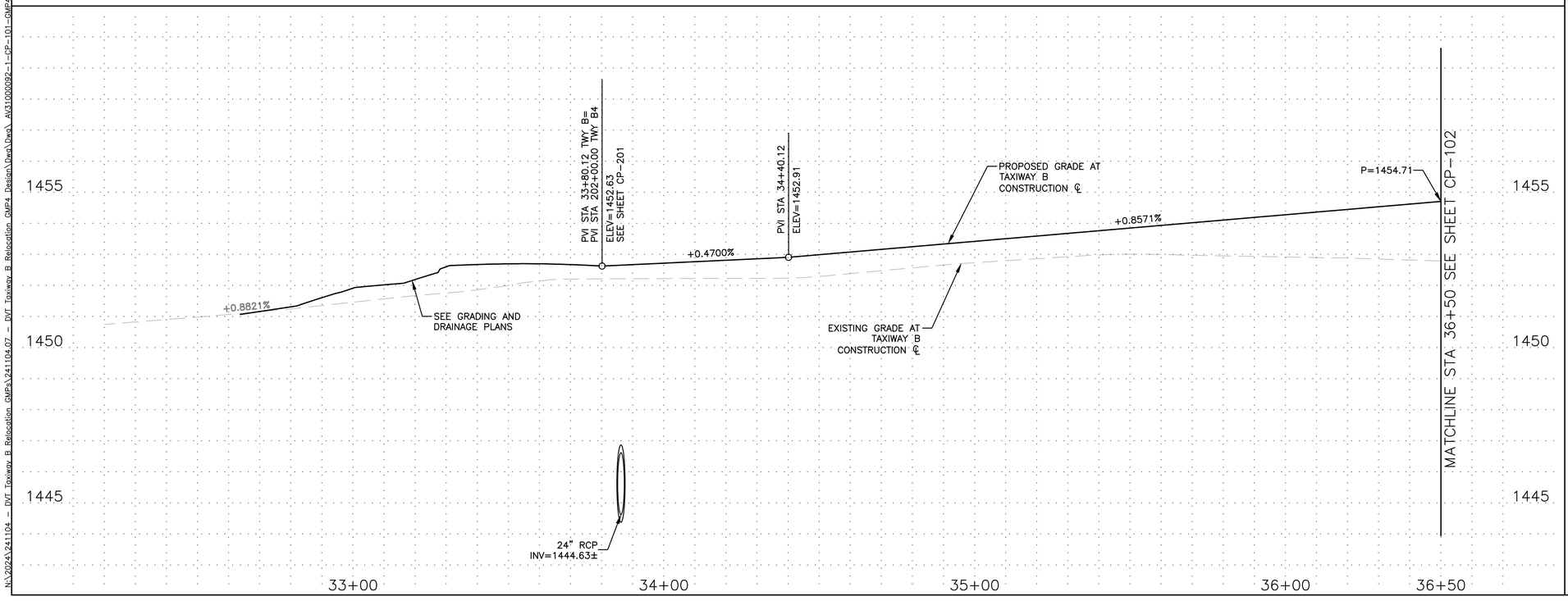
GRADING & DRAINAGE PLAN

SHEET REFERENCE NUMBER:
CG-114

SHEET 75 OF 161

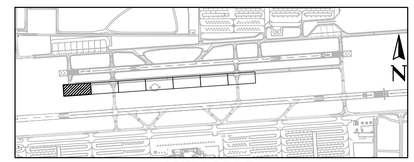
N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CG-114-GMP4.dwg - Feb 28,2026 - 10:54am



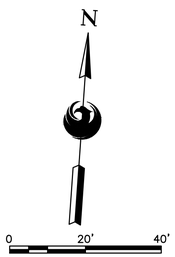


REFERENCE NOTES

1. SEE SHEET CS-101 FOR GEOMETRIC LAYOUT PLAN
2. SEE SHEET CG-101 FOR GRADING AND DRAINAGE PLAN



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

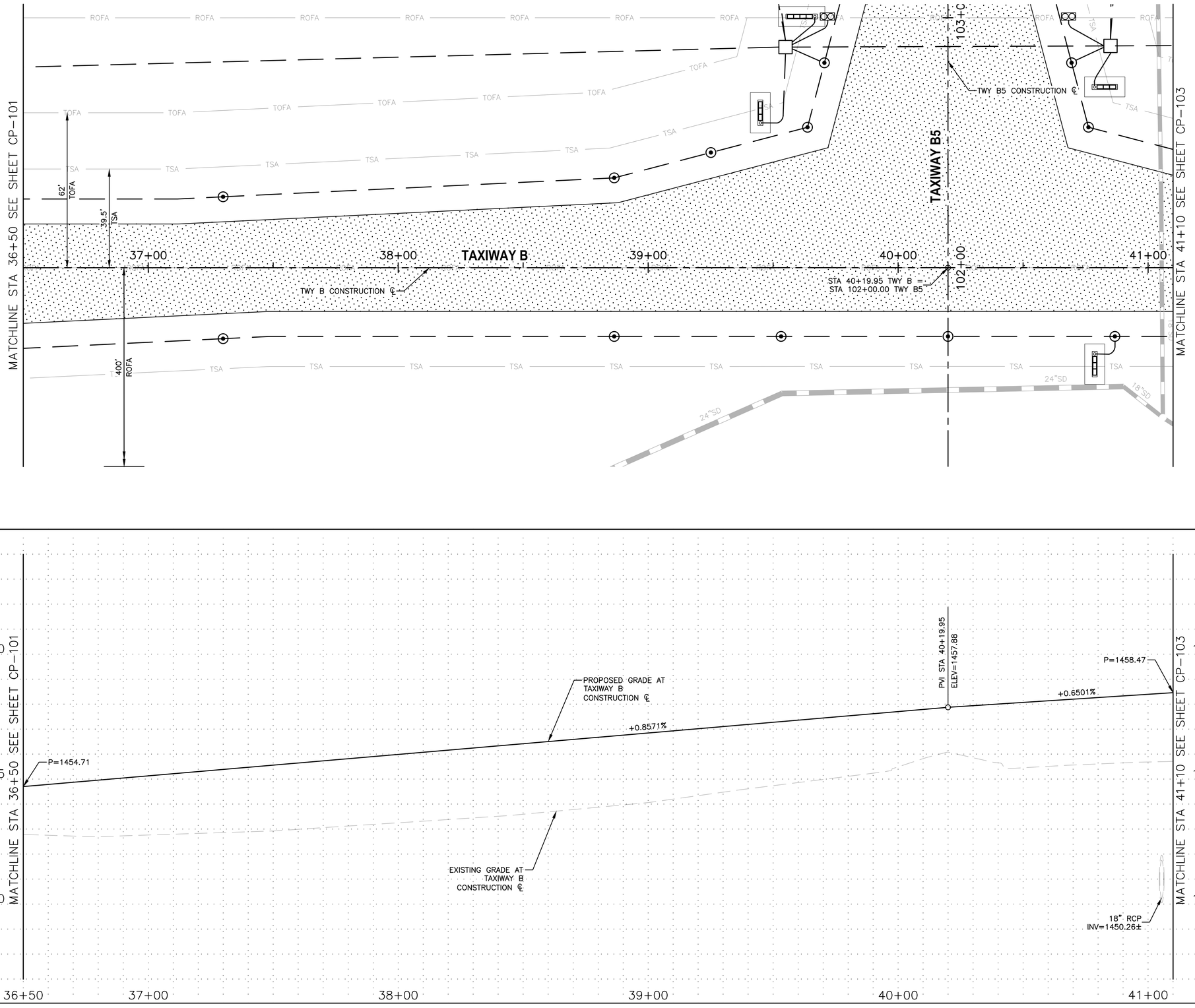
SHEET OVERVIEW TITLE

TAXIWAY B
PLAN & PROFILE
STA 33+00 TO STA 36+50

SHEET REFERENCE NUMBER:
CP-101

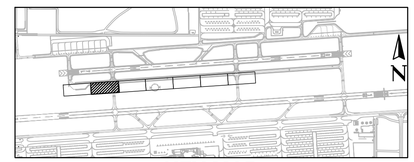
SHEET 76 OF 161

N:\2024\241104 - PVT Taxiway B Relocation GMP4\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CP-101_GMP4.dwg - Feb 26,2026 - 10:56am



REFERENCE NOTES

1. SEE SHEET CS–102 FOR GEOMETRIC LAYOUT PLAN
2. SEE SHEET CG–102 FOR GRADING AND DRAINAGE PLAN



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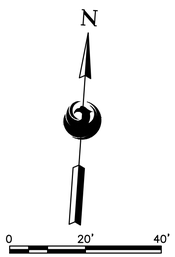

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

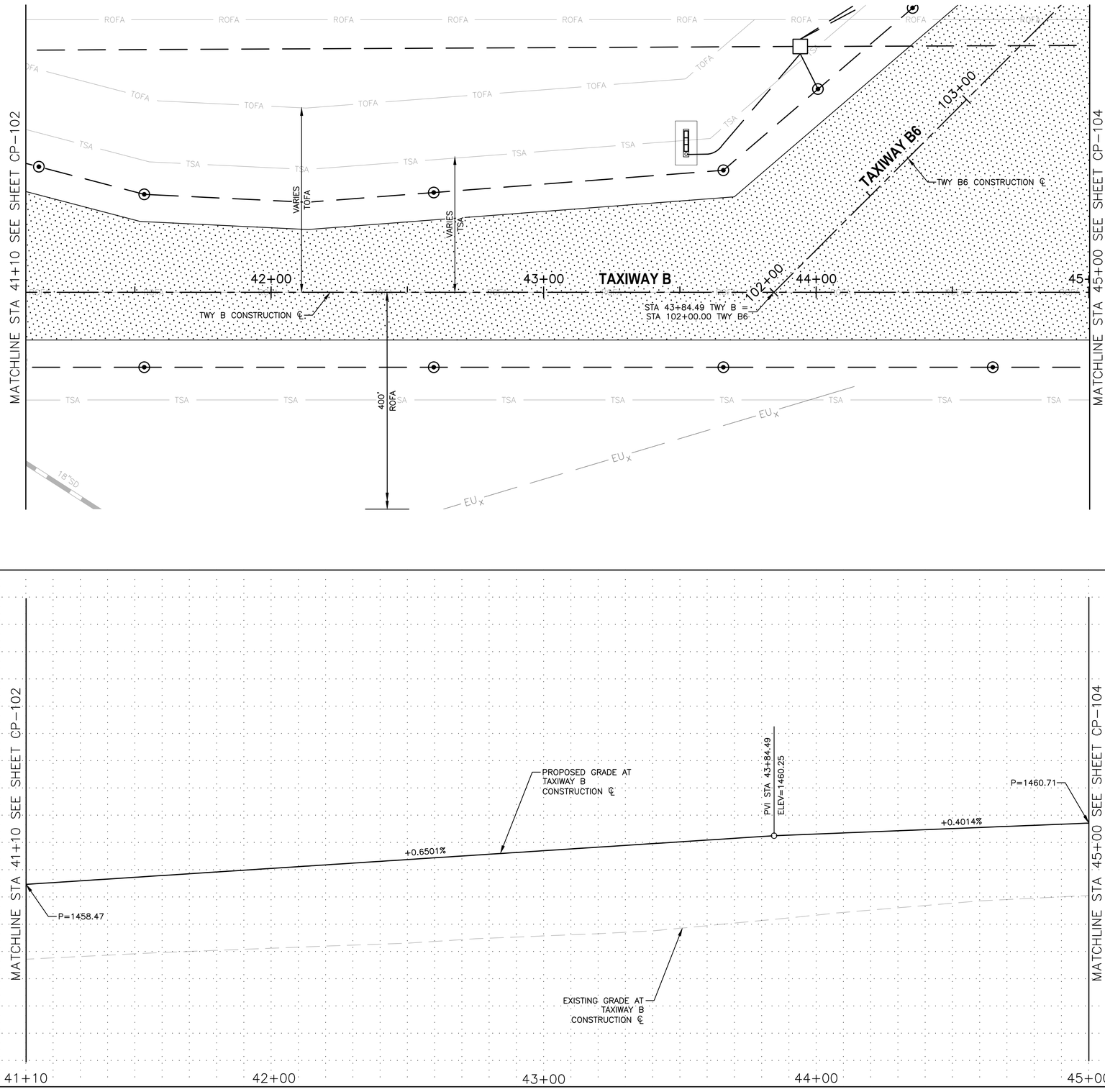
AIP NO.: 3–04–0028–XXX–TBD

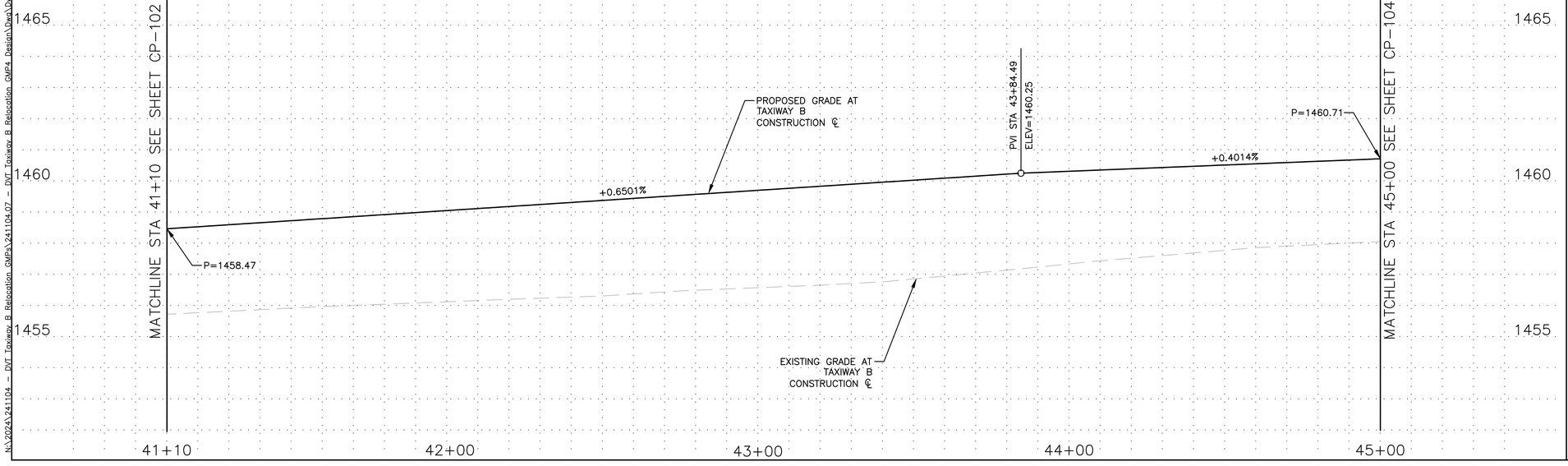
SHEET OVERVIEW TITLE

TAXIWAY B
PLAN & PROFILE
STA 36+50 TO STA 41+10

SHEET REFERENCE NUMBER:
CP-102

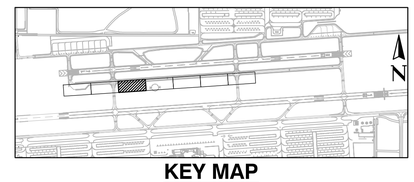
N:\2024\241104 – PVT Taxiway B Relocation GMP's\241104.07 – PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092–1–CP–102–GMP4.dwg – Feb 26,2026 - 10:57am



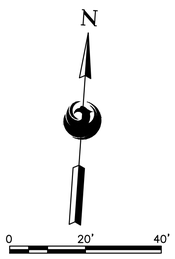


REFERENCE NOTES

1. SEE SHEET CS-103 FOR GEOMETRIC LAYOUT PLAN
2. SEE SHEET CG-103 FOR GRADING AND DRAINAGE PLAN



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

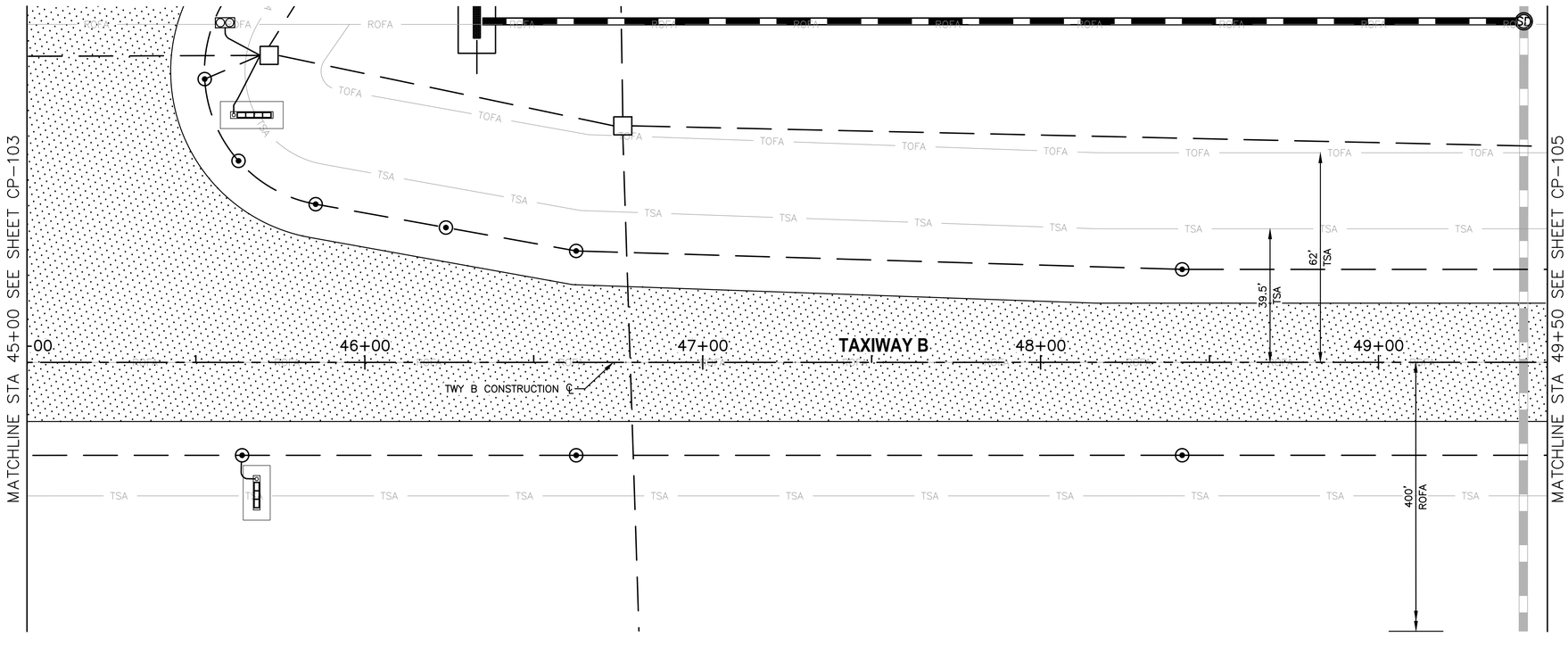
SHEET OVERVIEW TITLE

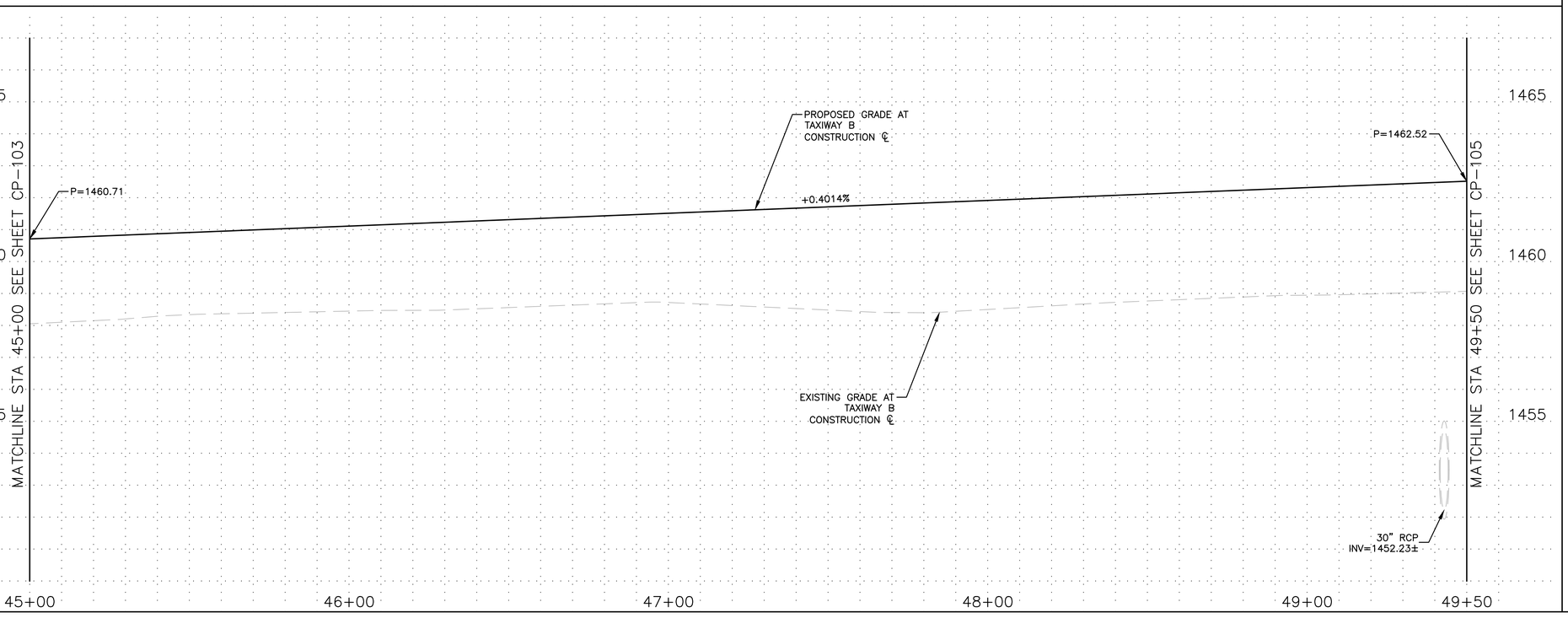
TAXIWAY B
PLAN & PROFILE
STA 41+10 TO STA 45+00

SHEET REFERENCE NUMBER:
CP-103

SHEET 78 OF 161

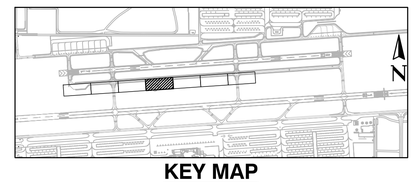
N:\2024\241104 - DVT Taxiway B Relocation GMP's\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CP-103_GMP4.dwg - Feb 27,2026 - 10:06am



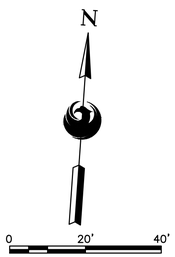


REFERENCE NOTES

1. SEE SHEET CS-104 FOR GEOMETRIC LAYOUT PLAN
2. SEE SHEET CG-104 FOR GRADING AND DRAINAGE PLAN



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

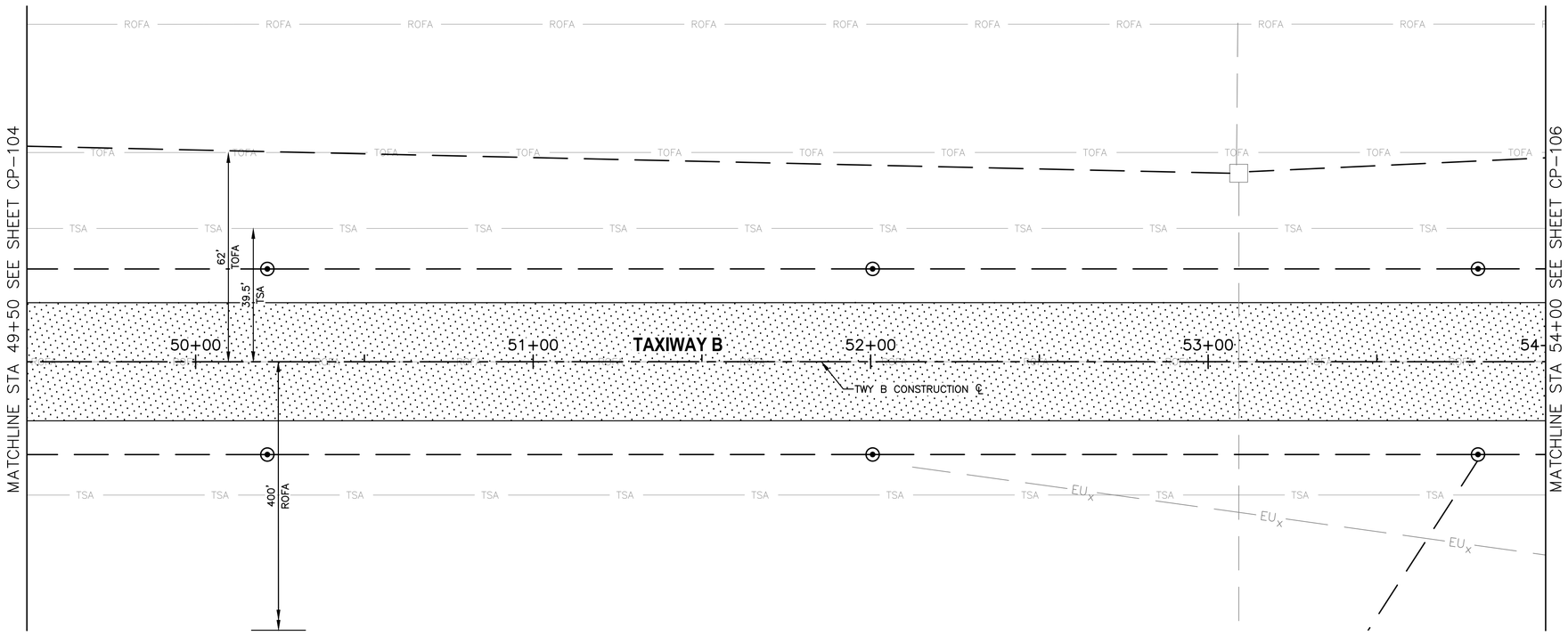
SHEET OVERVIEW TITLE

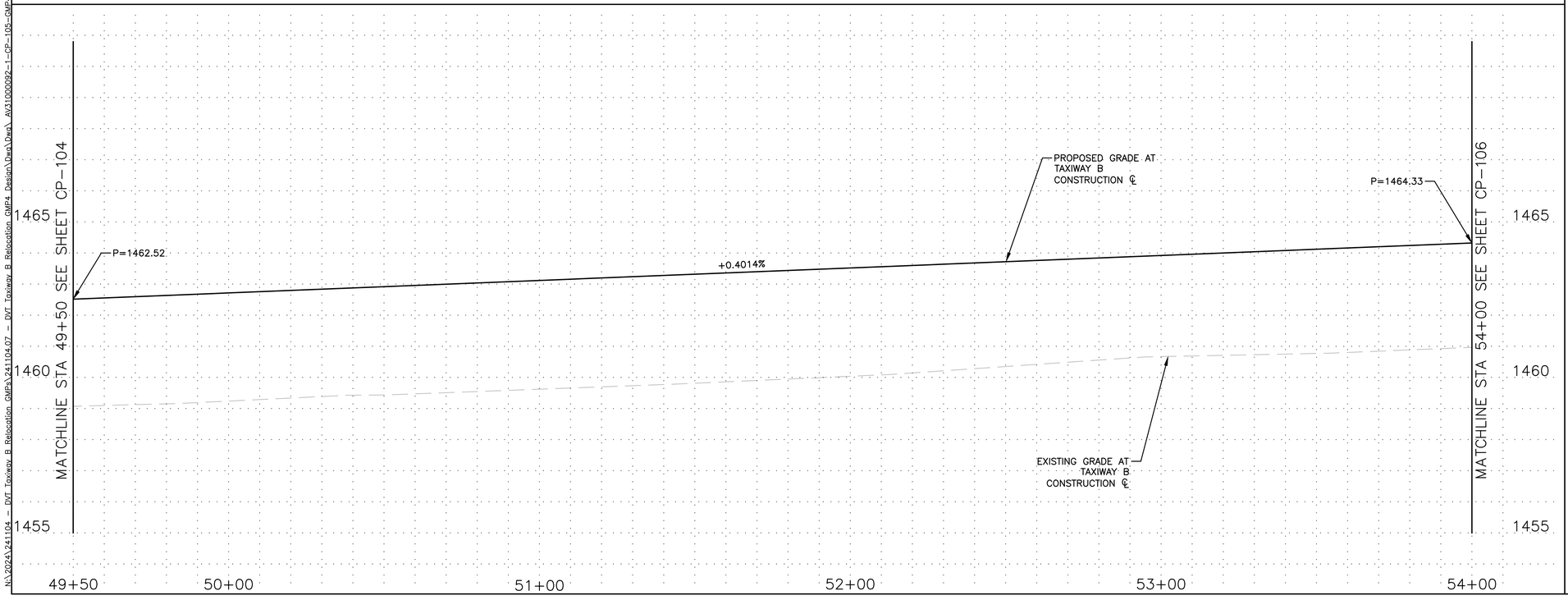
TAXIWAY B
PLAN & PROFILE
STA 45+00 TO STA 49+50

SHEET REFERENCE NUMBER:
CP-104

SHEET 79 OF 161

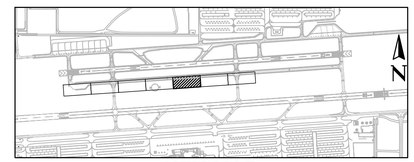
N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CP-104_GMP4.dwg - Feb 26,2026 - 11:00am



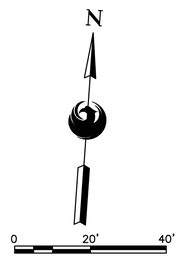


REFERENCE NOTES

1. SEE SHEET CS-105 FOR GEOMETRIC LAYOUT PLAN
2. SEE SHEET CG-105 FOR GRADING AND DRAINAGE PLAN



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

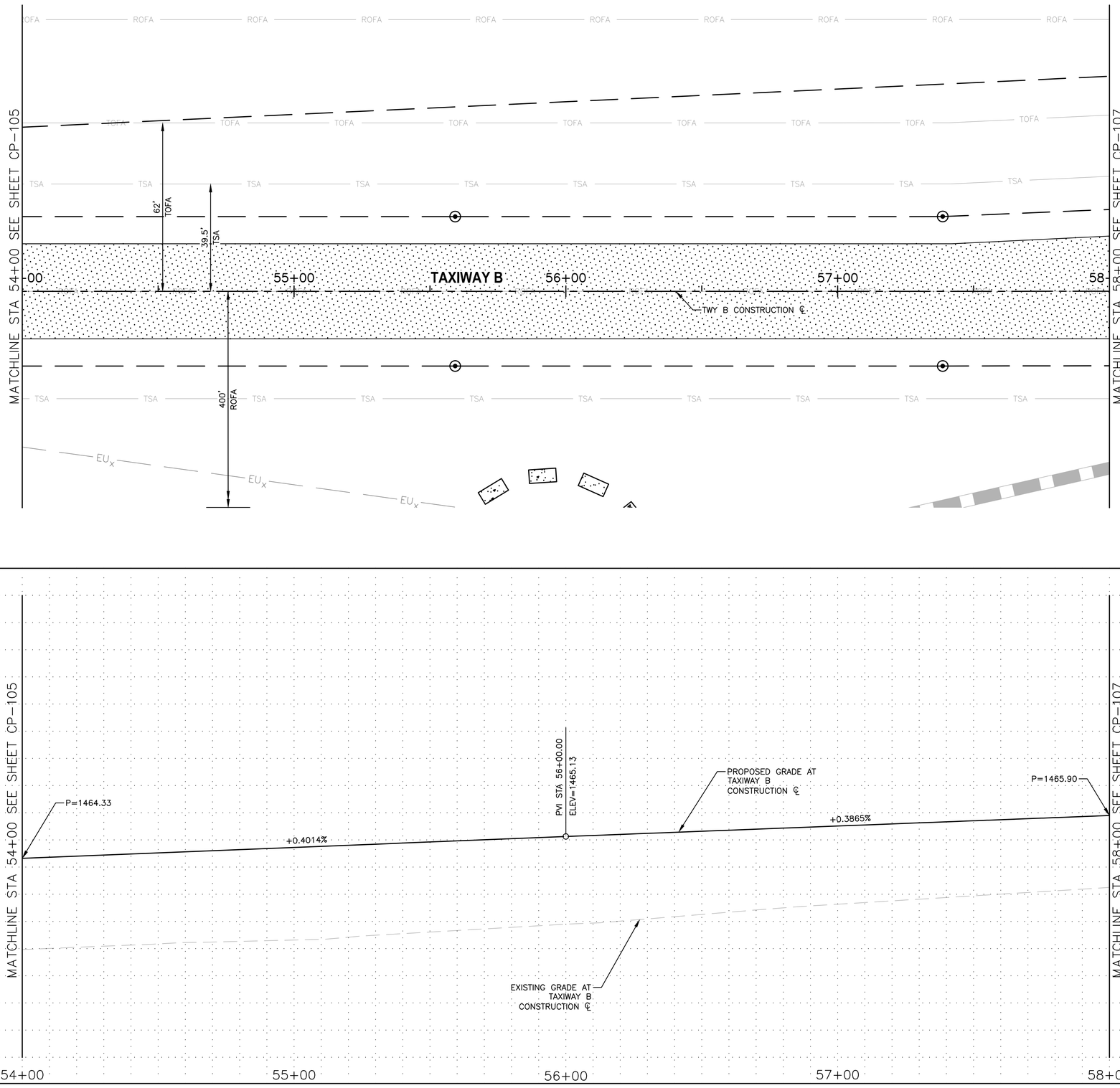
SHEET OVERVIEW TITLE

TAXIWAY B
PLAN & PROFILE
STA 49+50 TO STA 54+00

SHEET REFERENCE NUMBER:
CP-105

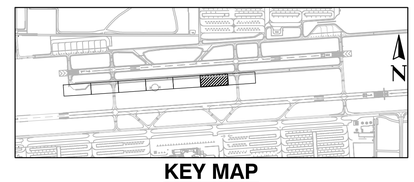
SHEET 80 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CP-105_GMP4.dwg - Feb 26,2026 - 11:02am



REFERENCE NOTES

1. SEE SHEET CS–106 FOR GEOMETRIC LAYOUT PLAN
2. SEE SHEET CG–106 FOR GRADING AND DRAINAGE PLAN



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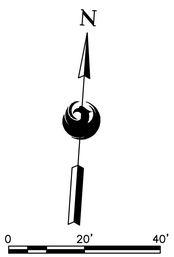

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

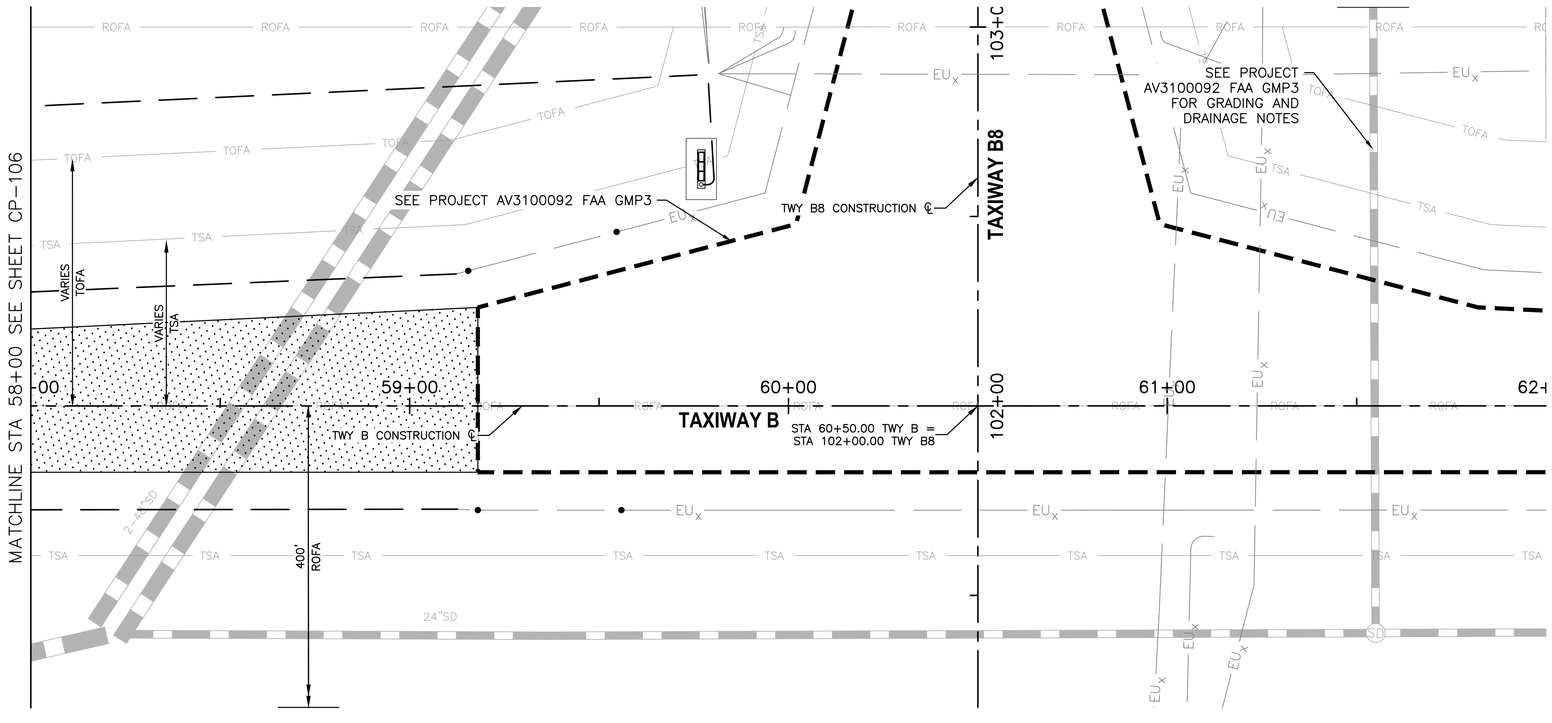
SHEET OVERVIEW TITLE

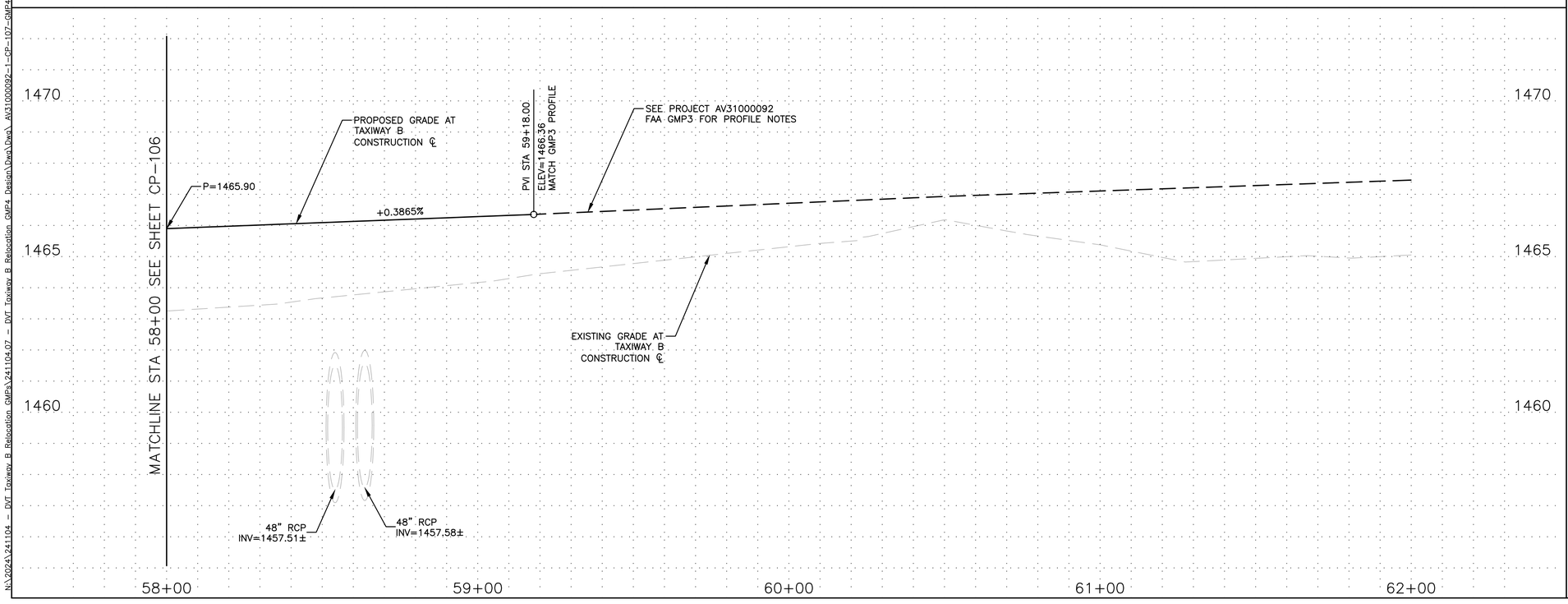
TAXIWAY B
PLAN & PROFILE
STA 54+00 TO STA 58+00

SHEET REFERENCE NUMBER:
CP-106

SHEET 81 OF 161

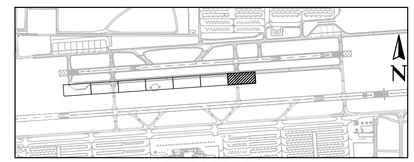
N:\2024\241104 – PVT Taxiway B Relocation GMPs\241104.07 – PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092–1_CP–106–GMP4.dwg – Feb 27,2026 - 10:16am



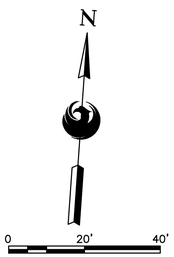


REFERENCE NOTES

1. SEE SHEET CS-107 FOR GEOMETRIC LAYOUT PLAN
2. SEE SHEET CG-107 FOR GRADING AND DRAINAGE PLAN



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYH
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

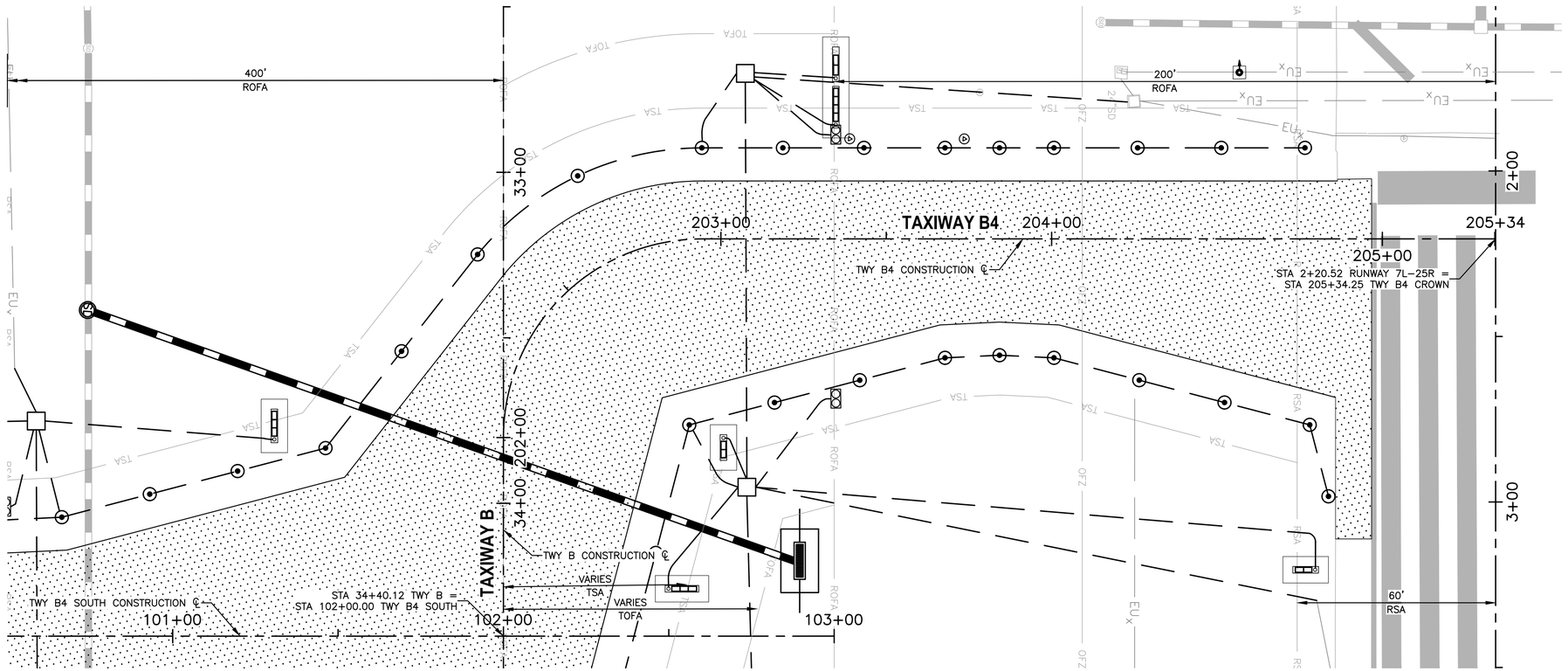
SHEET OVERVIEW TITLE

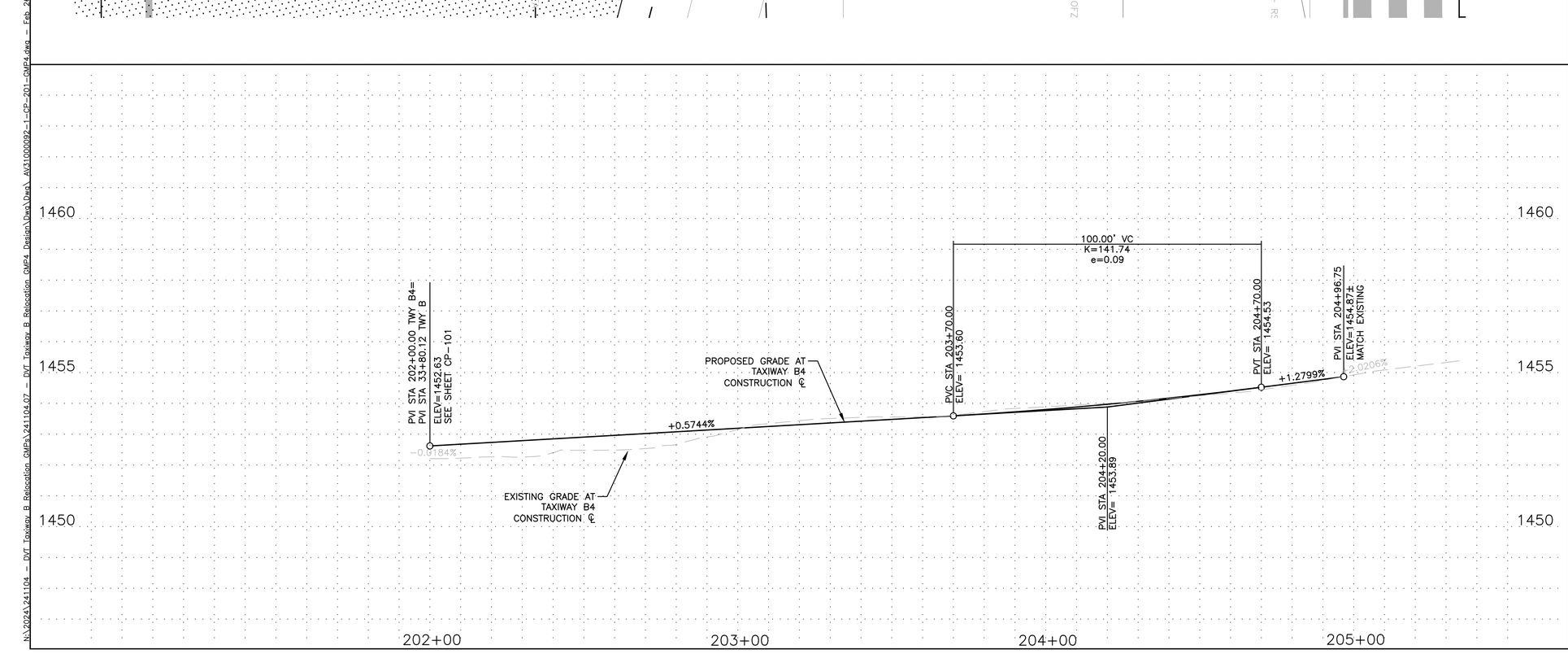
TAXIWAY B
PLAN & PROFILE
STA 58+00 TO STA 62+00

SHEET REFERENCE NUMBER:
CP-107

SHEET 82 OF 161

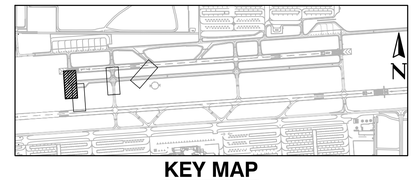
N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CP-107_GMP4.dwg - Feb 26,2026 - 11:05am





REFERENCE NOTES

1. SEE SHEET CS-101 FOR GEOMETRIC LAYOUT PLAN
2. SEE SHEET CG-101 FOR GRADING AND DRAINAGE PLAN



KEY MAP

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

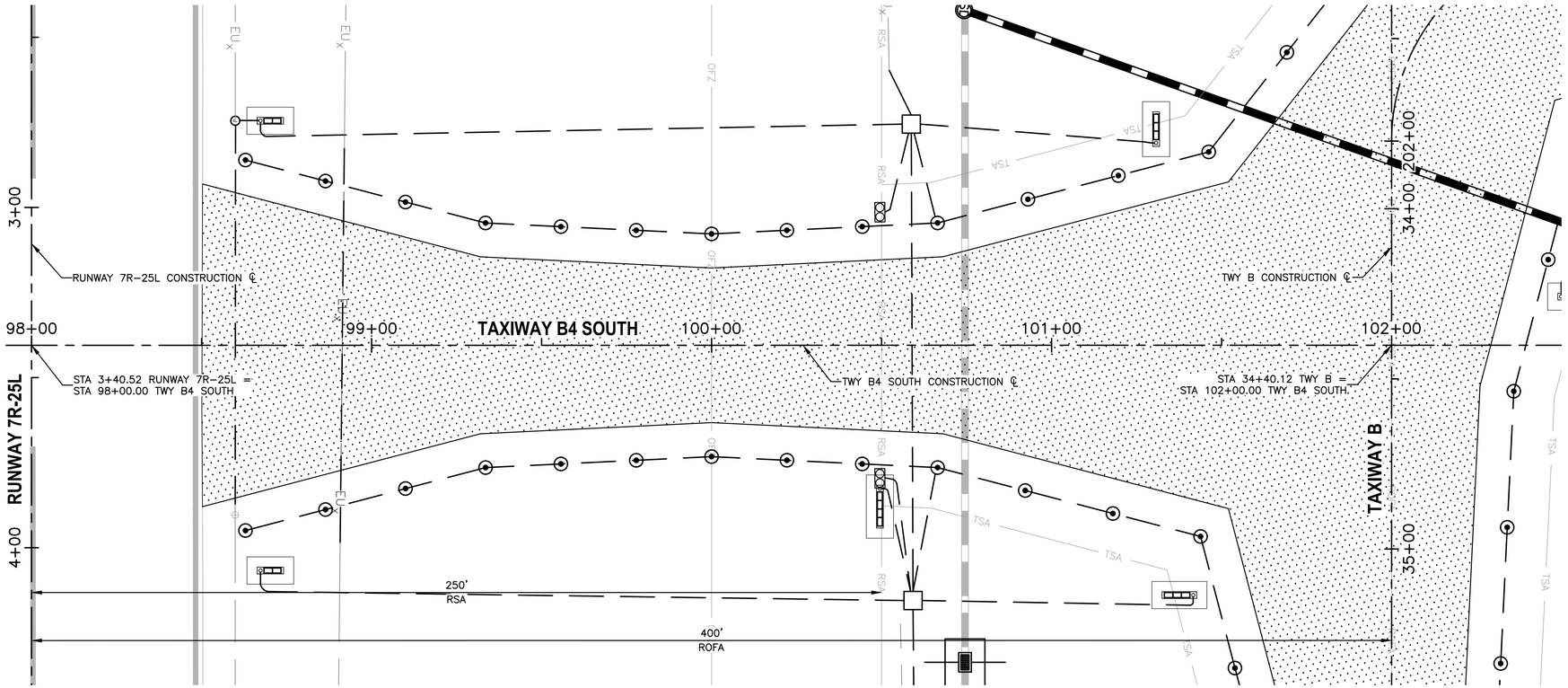
SHEET OVERVIEW TITLE

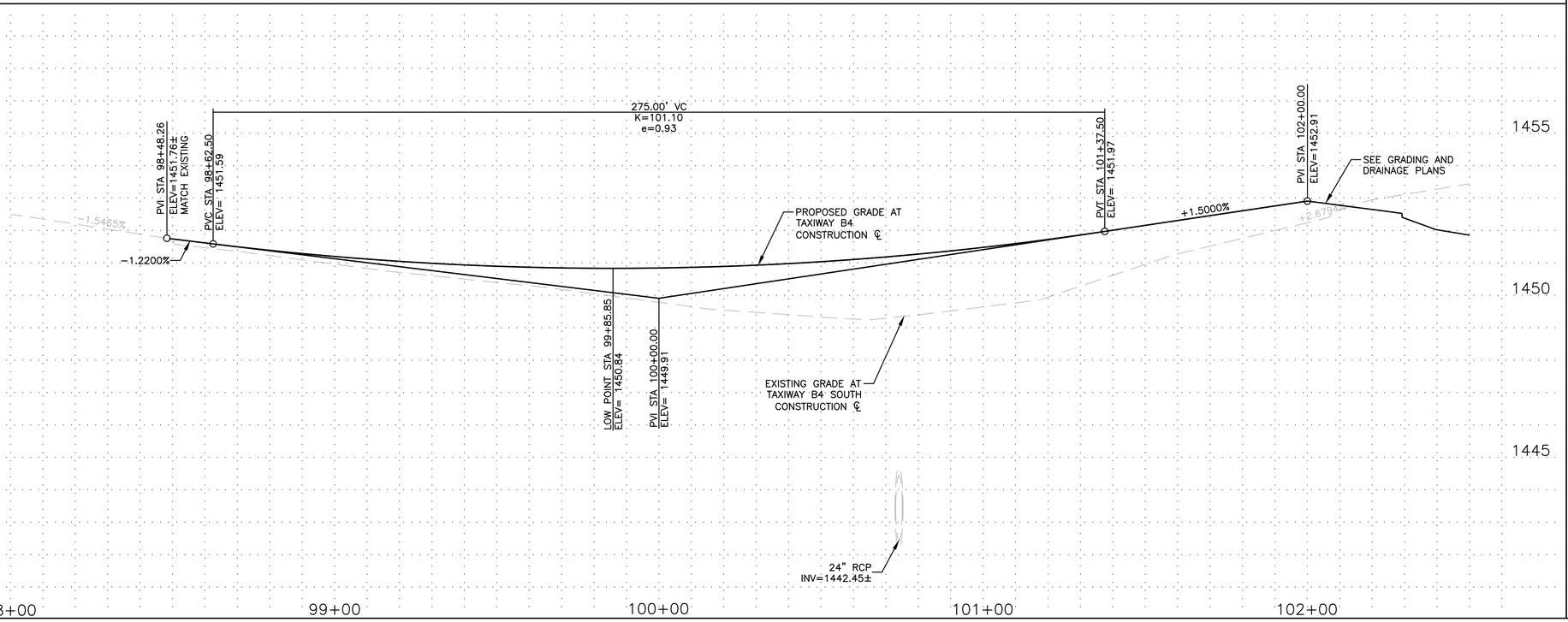
CONNECTOR TAXIWAY B4
PLAN & PROFILE

SHEET REFERENCE NUMBER:
CP-201

SHEET 83 OF 161

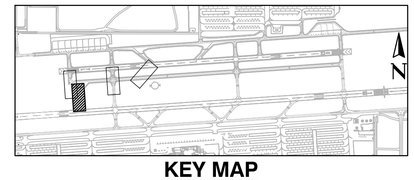
N:\2024\241104 - DVT Taxiway B Relocation GMP4\Design\Dwg\Dwg\ AV31000092-1-CP-201-GMP4.dwg - Feb 26,2026 - 11:07am





REFERENCE NOTES

1. SEE SHEETS CS–101 AND CS–108 FOR GEOMETRIC LAYOUT PLAN
2. SEE SHEETS CG–101 AND CG–108 FOR GRADING AND DRAINAGE PLAN



KEY MAP

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N

0 20' 40'

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

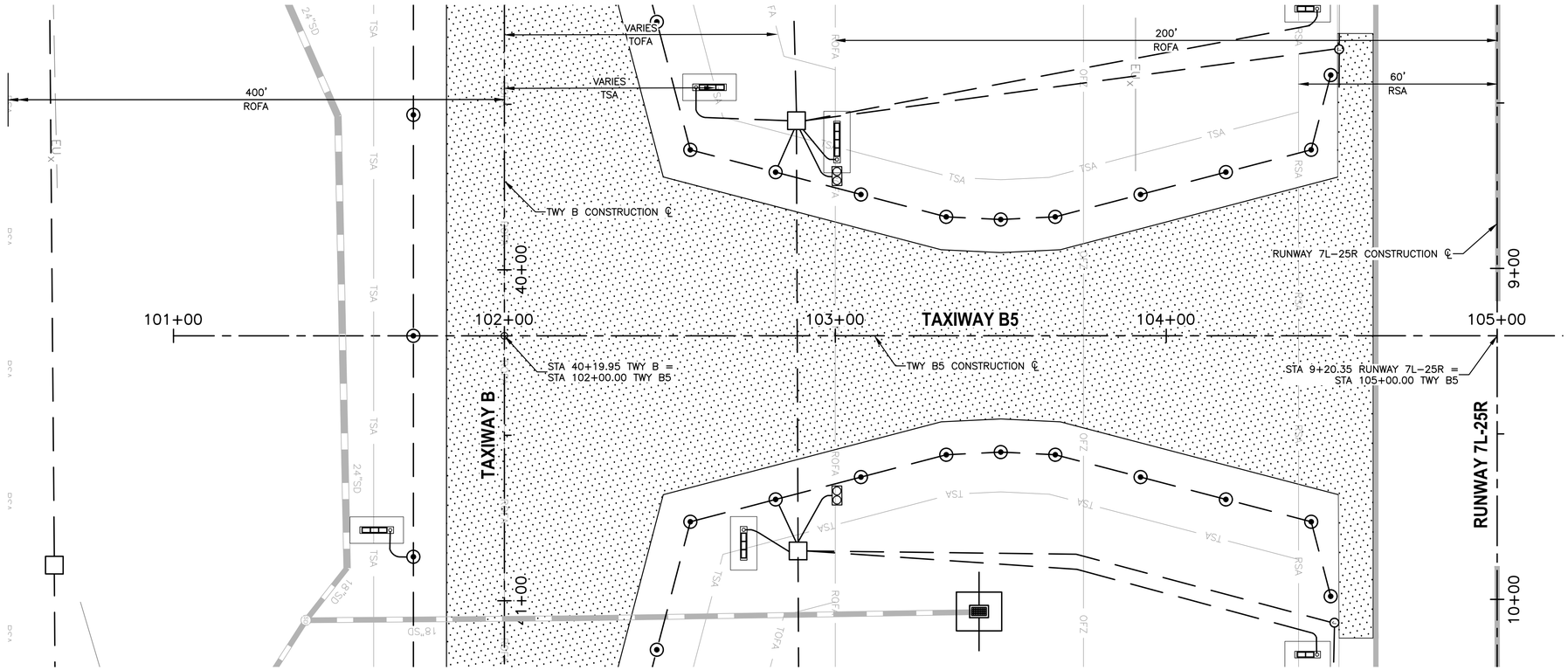
SHEET OVERVIEW TITLE

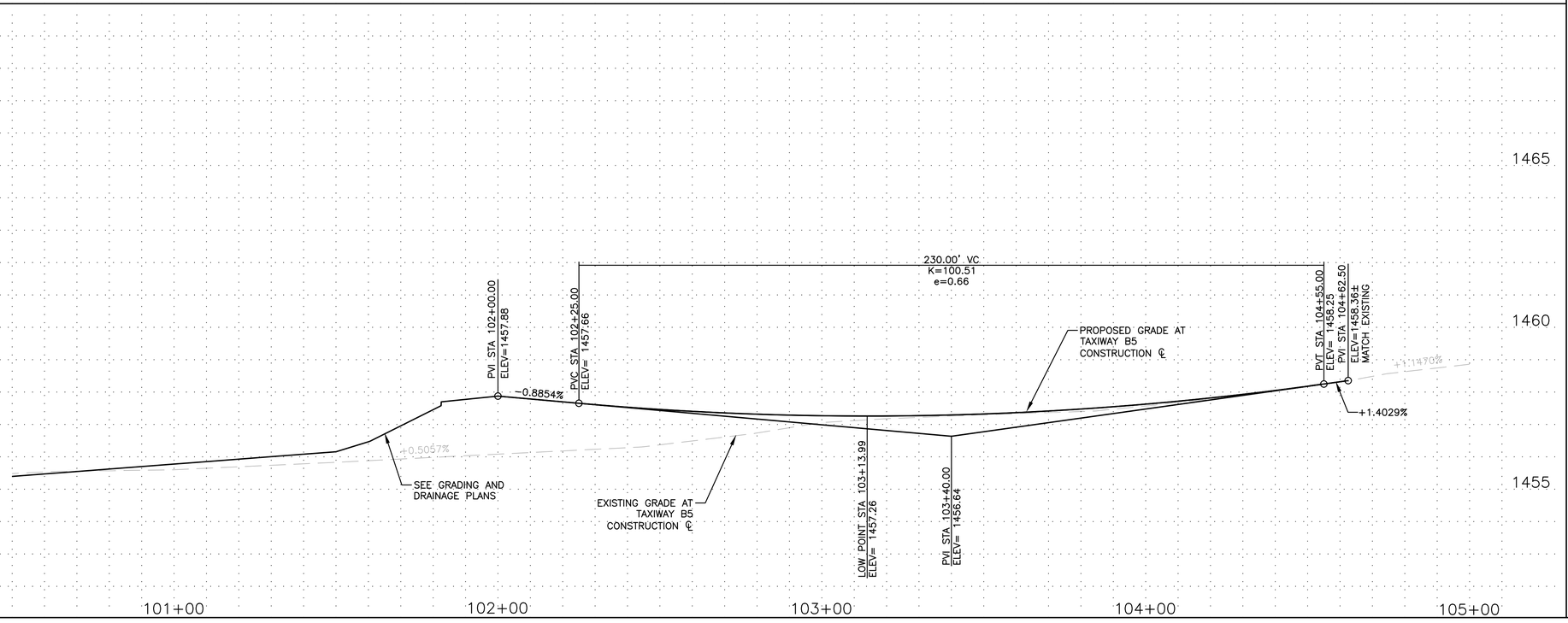
CONNECTOR TAXIWAY
B4 - SOUTH
PLAN & PROFILE

SHEET REFERENCE NUMBER:
CP-202

SHEET 84 OF 161

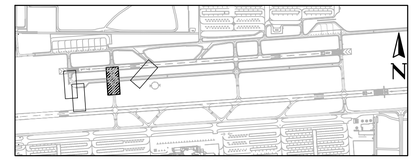
N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092–1–CP–202–GMP4.dwg – Feb 26,2026 11:08am





REFERENCE NOTES

1. SEE SHEET CS–102 FOR GEOMETRIC LAYOUT PLAN
2. SEE SHEET CG–102 FOR GRADING AND DRAINAGE PLAN



KEY MAP

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3–04–0028–XXX–TBD

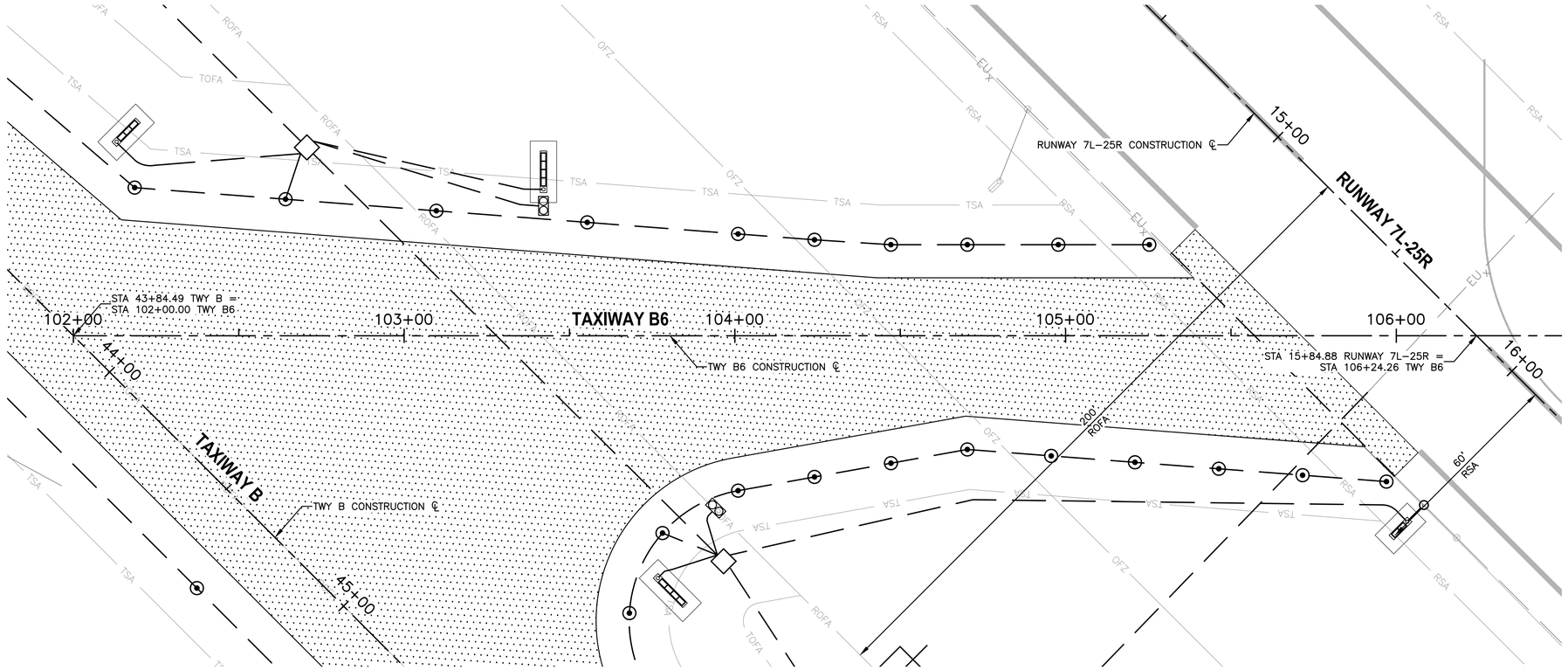
SHEET OVERVIEW TITLE

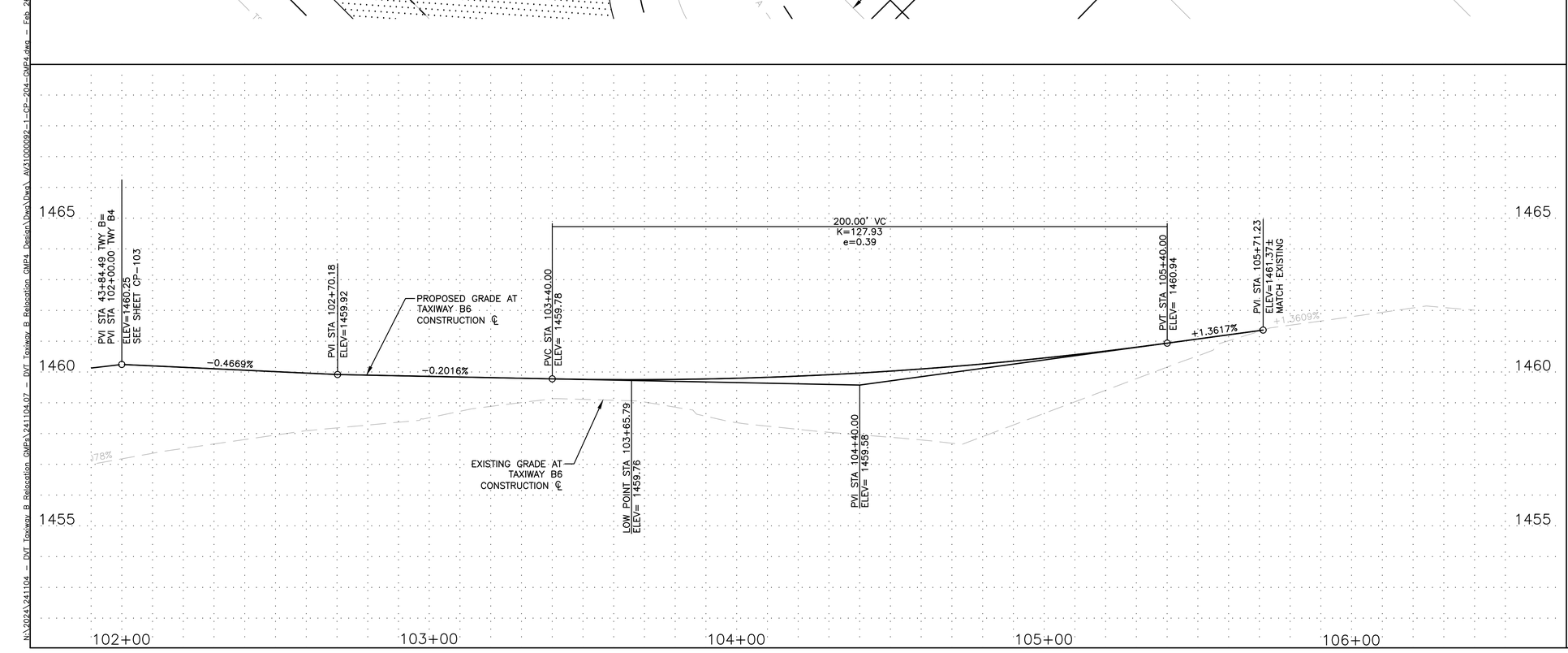
CONNECTOR TAXIWAY B5
PLAN & PROFILE

SHEET REFERENCE NUMBER:
CP-203

SHEET 85 OF 161

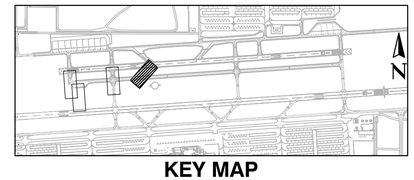
N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092–1–CP–203–GMP4.dwg – Feb 26,2026 11:09am





REFERENCE NOTES

1. SEE SHEETS CS-103 AND CS-104 GEOMETRIC LAYOUT PLAN
2. SEE SHEETS CG-103 AND CG-104 FOR GRADING AND DRAINAGE PLAN



KEY MAP

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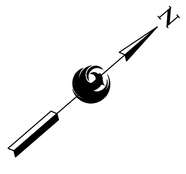

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

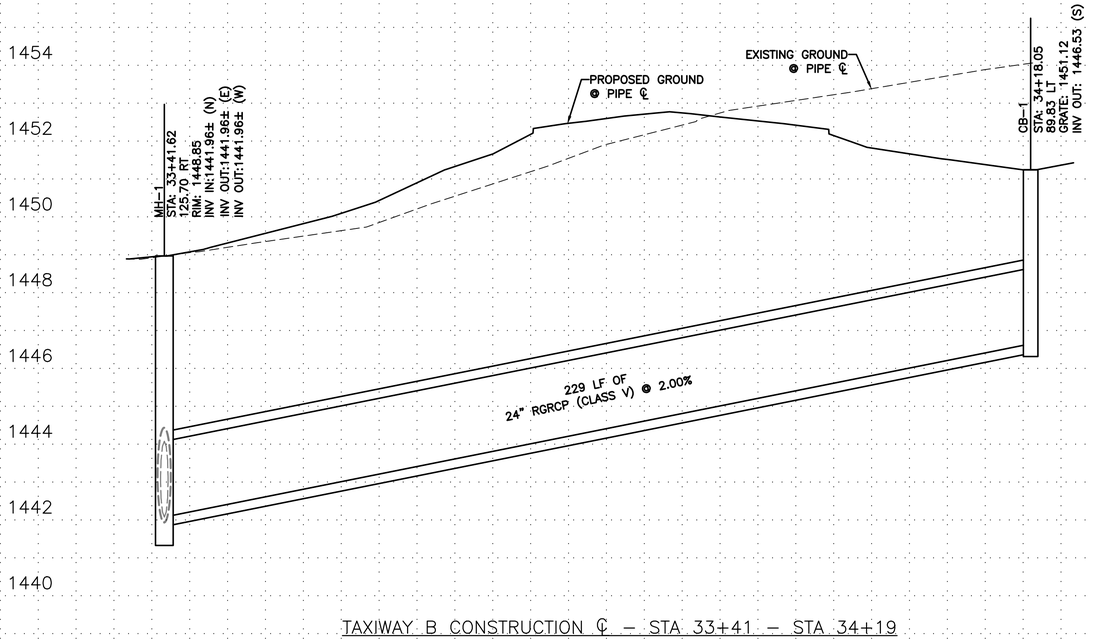
SHEET OVERVIEW TITLE

CONNECTOR TAXIWAY B6
PLAN & PROFILE

SHEET REFERENCE NUMBER:
CP-204

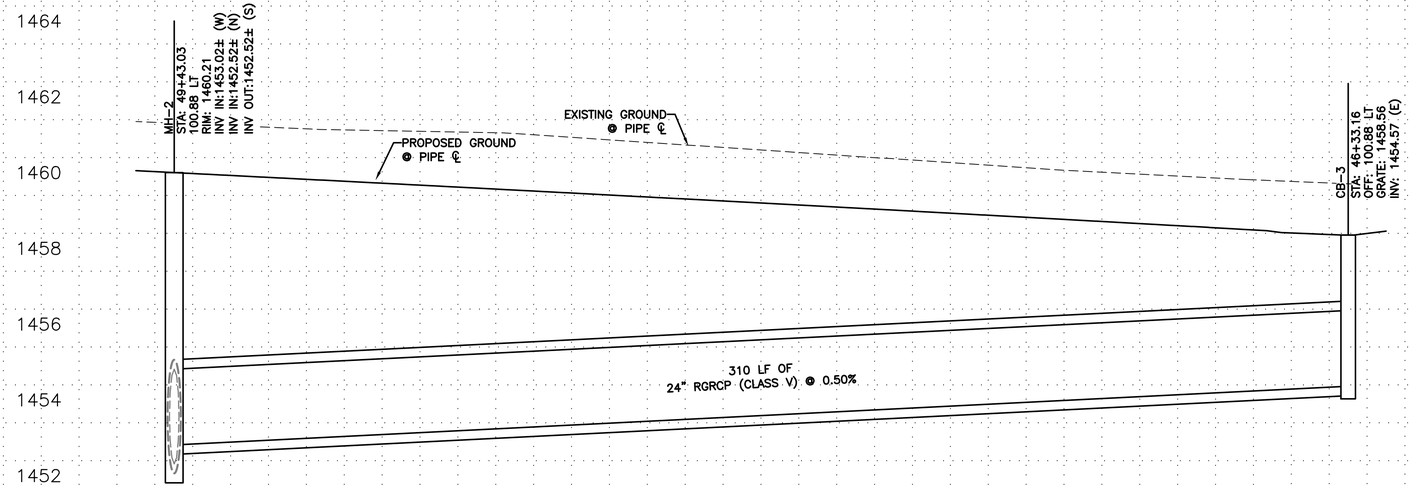
SHEET 86 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CP-204-GMP4.dwg - Feb 26,2026 11:11am



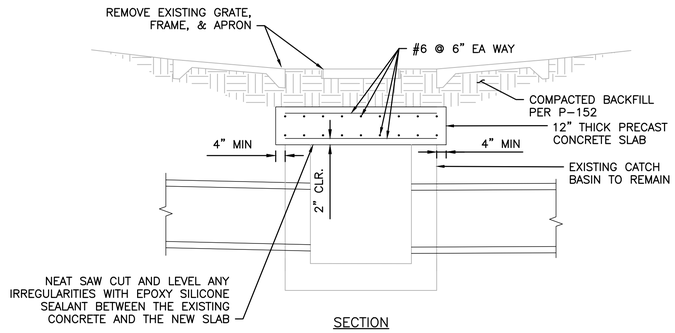
TAXIWAY B CONSTRUCTION ℄ – STA 33+41 – STA 34+19

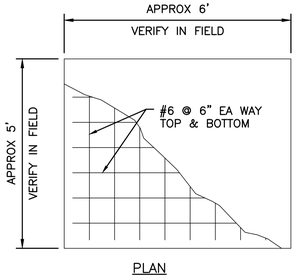
STORM DRAIN PROFILE SD-1



TAXIWAY B CONSTRUCTION ℄ – STA 46+33 – STA 49+44

STORM DRAIN PROFILE SD-2





1 / CU-201 **CAP DETAIL FOR EXISTING CATCH BASIN**
NTS

SCALE:1"=2' (VERT)

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYH
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS - GMP 4
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

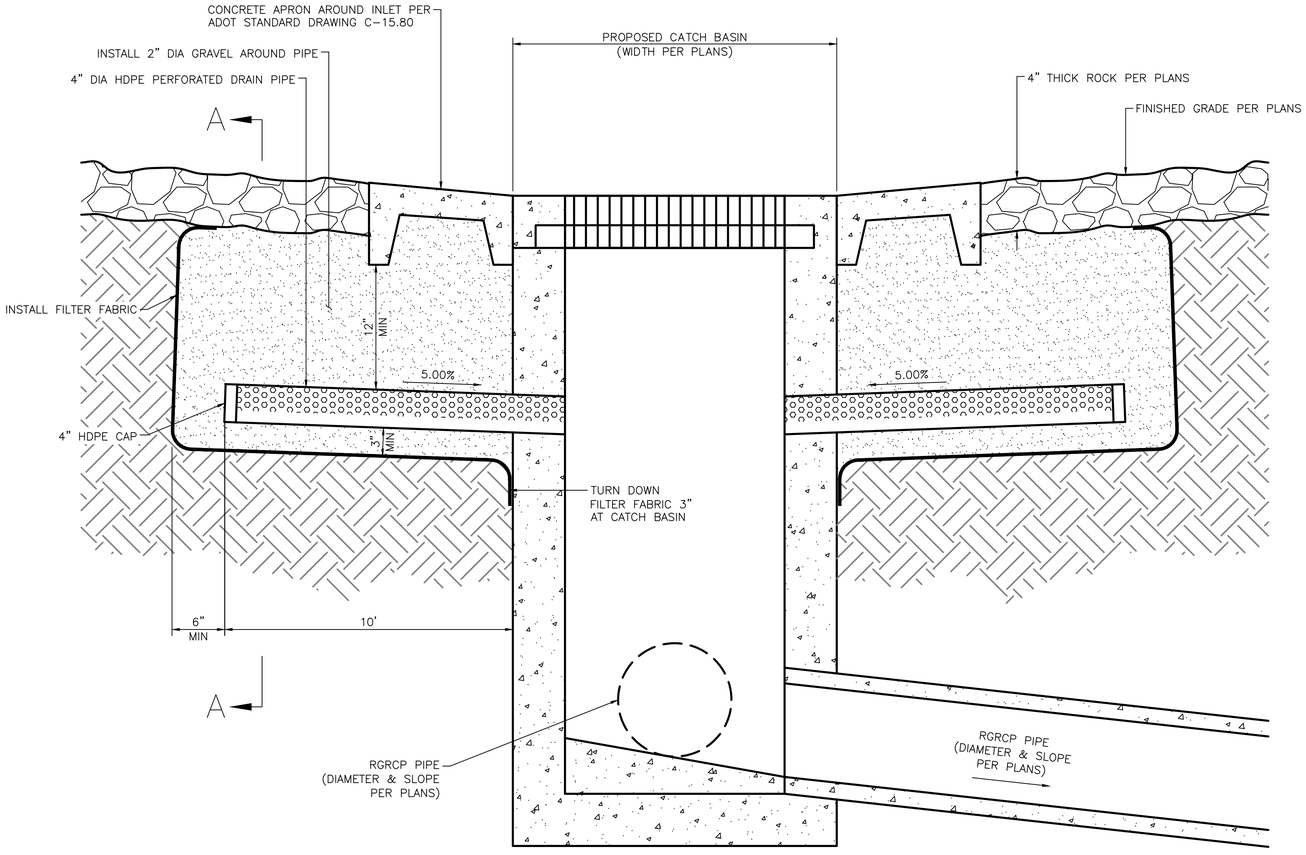
SHEET OVERVIEW TITLE

STORM DRAIN CONNECTOR PIPE PROFILES

SHEET REFERENCE NUMBER:
CU-201

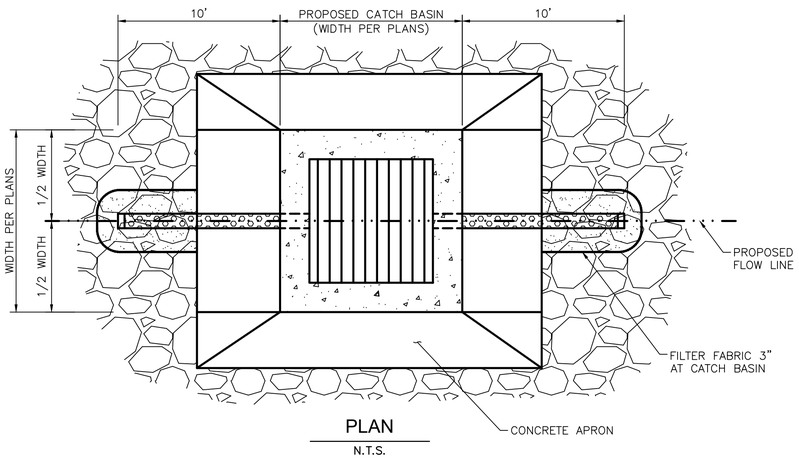
SHEET 87 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CU-201-GMP4.dwg - Feb 26,2026 11:12am



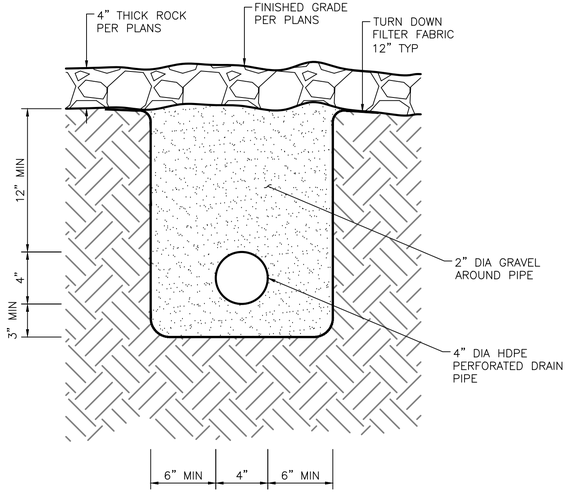
PROFILE

N.T.S.



PLAN

N.T.S.

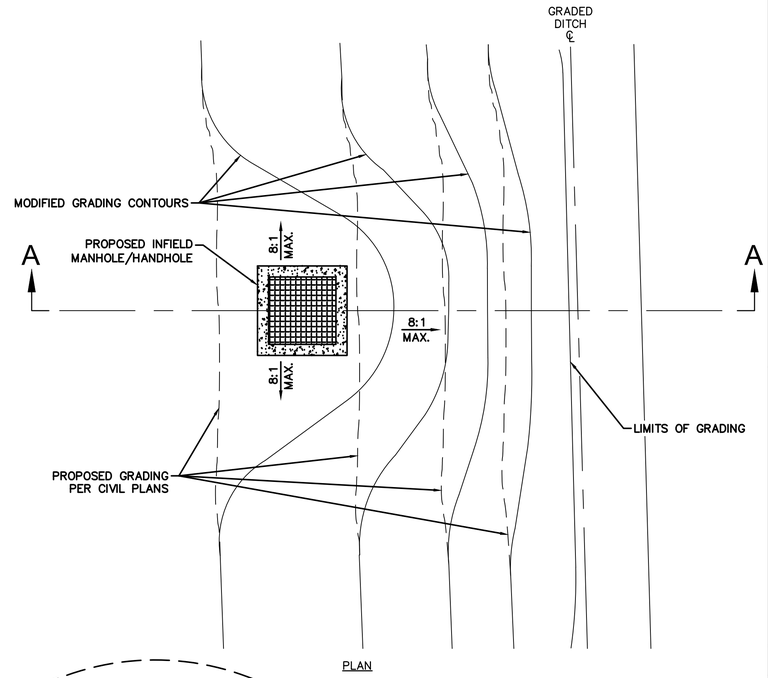


SECTION "A-A"

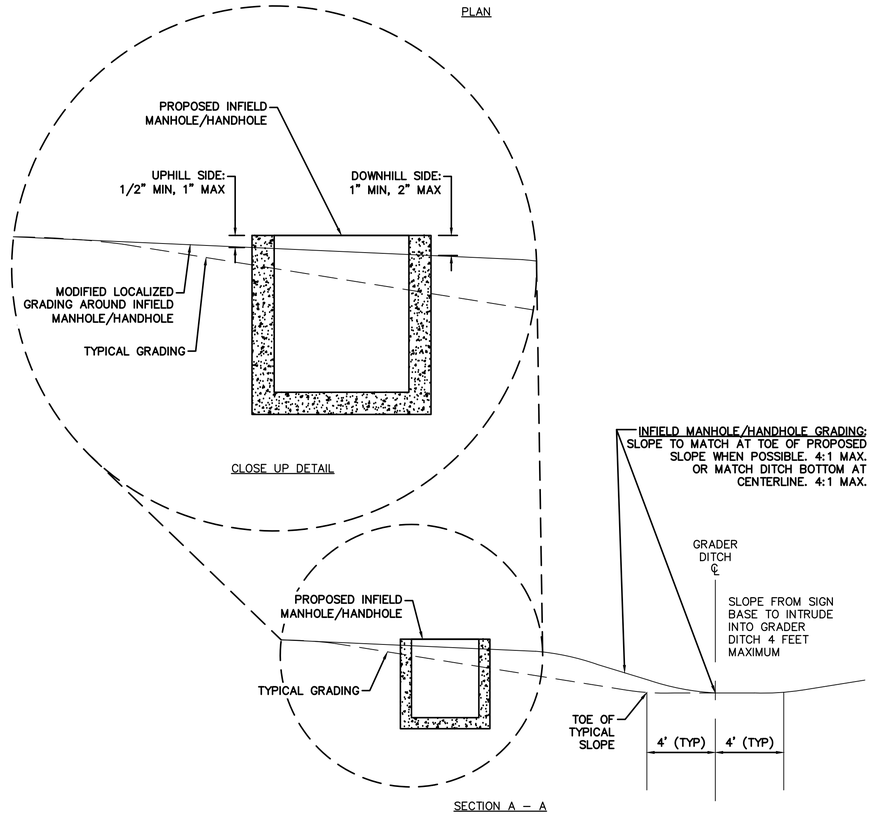
N.T.S.

1 CU-501 **PERFORATED DRAIN PIPE DETAIL**

NTS



PLAN



SECTION A – A

2 CU-501 **INFIELD MANHOLE / HANDHOLE LOCALIZED GRADING DETAIL**

NTS

PRIME CONSULTANT: TRACE CONSULTING, 1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

SUB CONSULTANT

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PRELIMINARY NOT FOR CONSTRUCTION

"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX"

NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	NTS

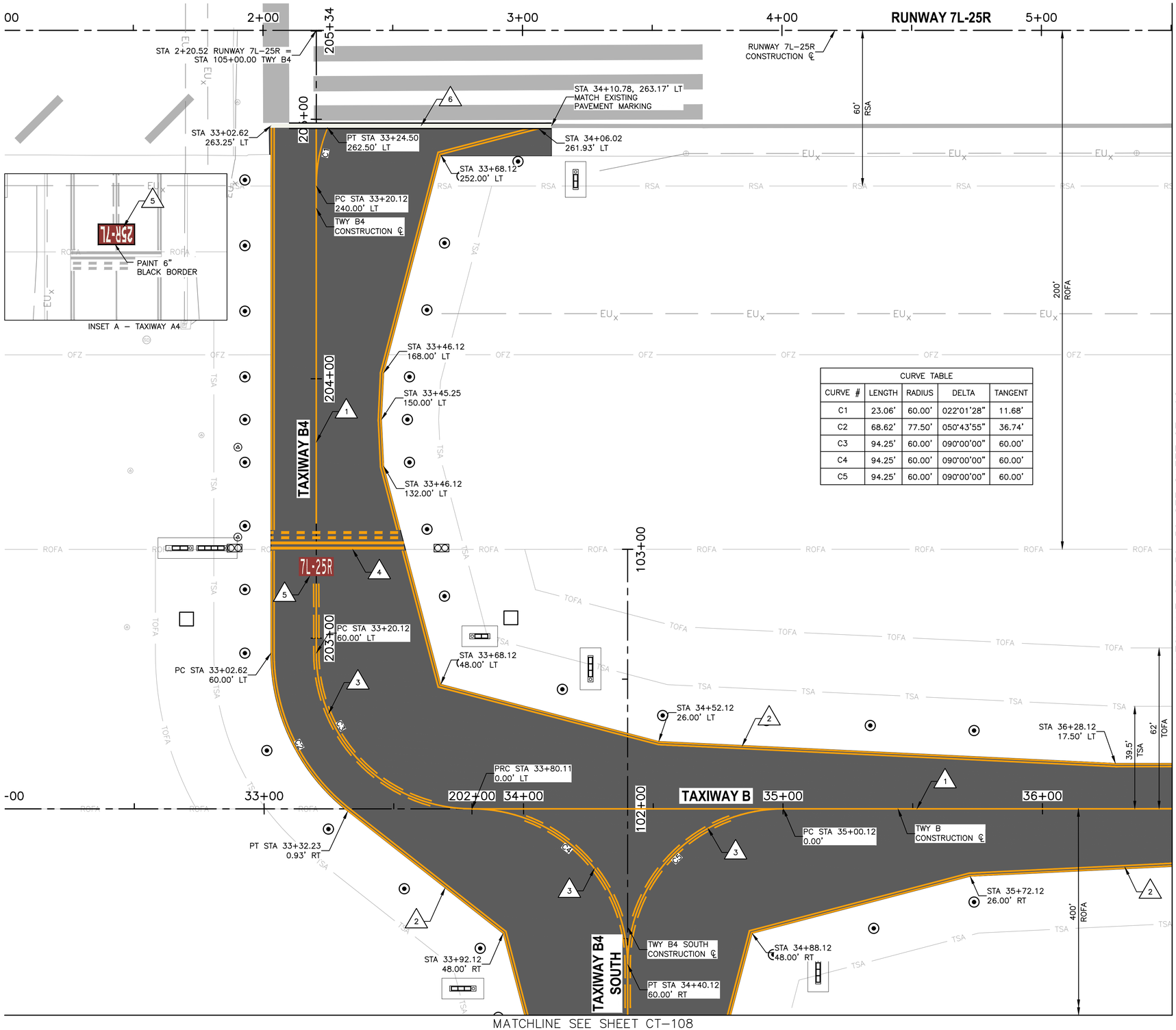
AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

GRADING & DRAINAGE DETAILS

SHEET REFERENCE NUMBER: **CU-501**

N:\2024\241104 - PVT Taxiway B Relocation GMP's\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CU-501-GMP4.dwg - Feb 26,2026 - 11:12am



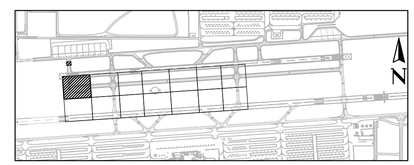
CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C1	23.06'	60.00'	022°01'28"	11.68'
C2	68.62'	77.50'	050°43'55"	36.74'
C3	94.25'	60.00'	090°00'00"	60.00'
C4	94.25'	60.00'	090°00'00"	60.00'
C5	94.25'	60.00'	090°00'00"	60.00'

PAVEMENT MARKING NOTES

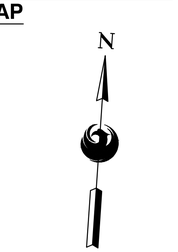
1. PAINT TAXIWAY CENTERLINE MARKING PER DTL D1, SHEET CT–501
2. PAINT TAXIWAY EDGE MARKING PER DTL D2, SHEET CT–501
3. PAINT ENHANCED TAXIWAY CENTERLINE MARKING PER DTL D3, SHEET CT–501
4. PAINT RUNWAY HOLDING POSITION MARKING PER DTL D4, SHEET CT–501
5. PAINT SURFACE PAINTED HOLDING POSITION SIGN PER DTL D5, SHEET CT–501
6. PAINT RUNWAY EDGE MARKING PER DTL D6, CT–501

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BY
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.: 3–04–0028–XXX–TBD

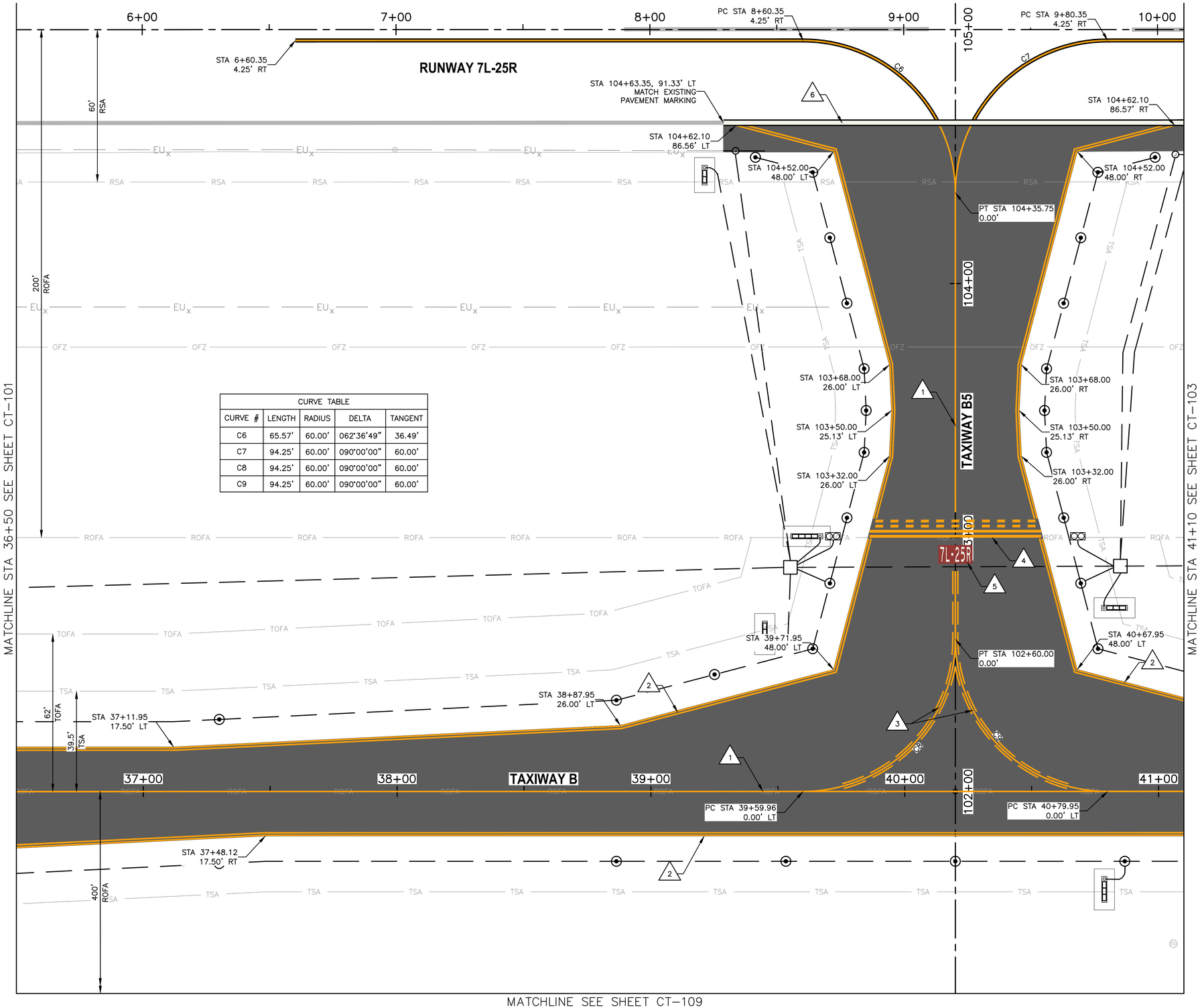
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER: CT-101

SHEET 89 OF 161

N:\2024\24110\4 – DVT Taxiway B Relocation GMP4\24110407 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CT-101-GMP4.dwg – Feb 26,2026 11:59am



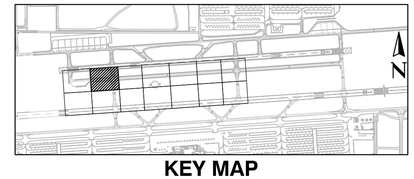
CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C6	65.57'	60.00'	062°36'49"	36.49'
C7	94.25'	60.00'	090°00'00"	60.00'
C8	94.25'	60.00'	090°00'00"	60.00'
C9	94.25'	60.00'	090°00'00"	60.00'

PAVEMENT MARKING NOTES

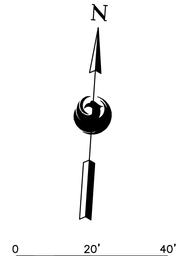
1. PAINT TAXIWAY CENTERLINE MARKING PER DTL D1, SHEET CT-501
2. PAINT TAXIWAY EDGE MARKING PER DTL D2, SHEET CT-501
3. PAINT ENHANCED TAXIWAY CENTERLINE MARKING PER DTL D3, SHEET CT-501
4. PAINT RUNWAY HOLDING POSITION MARKING PER DTL D4, SHEET CT-501
5. PAINT SURFACE PAINTED HOLDING POSITION SIGN PER DTL D5, SHEET CT-501
6. PAINT RUNWAY EDGE MARKING PER DTL D6, CT-501

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DTK
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

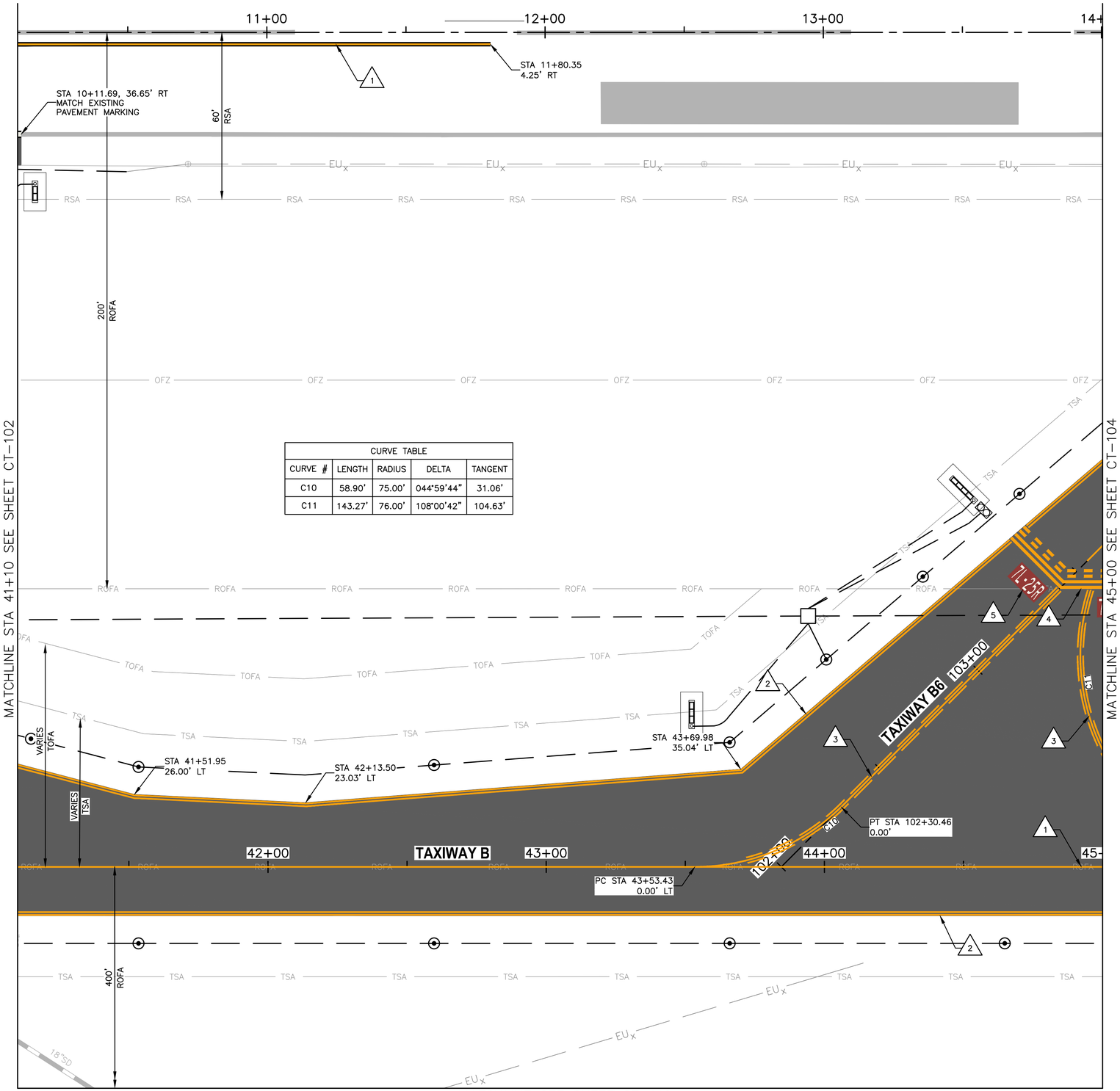
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER:
CT-102

SHEET 90 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CT-102-GMP4.dwg — Feb 27,2026 10:54am



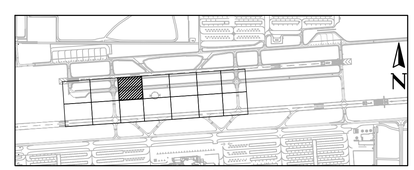
CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C10	58.90'	75.00'	044°59'44"	31.06'
C11	143.27'	76.00'	108°00'42"	104.63'

PAVEMENT MARKING NOTES

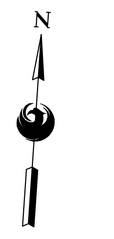
1. PAINT TAXIWAY CENTERLINE MARKING PER DTL D1, SHEET CT-501
2. PAINT TAXIWAY EDGE MARKING PER DTL D2, SHEET CT-501
3. PAINT ENHANCED TAXIWAY CENTERLINE MARKING PER DTL D3, SHEET CT-501
4. PAINT RUNWAY HOLDING POSITION MARKING PER DTL D4, SHEET CT-501
5. PAINT SURFACE PAINTED HOLDING POSITION SIGN PER DTL D5, SHEET CT-501

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



0 20' 40'

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYW
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

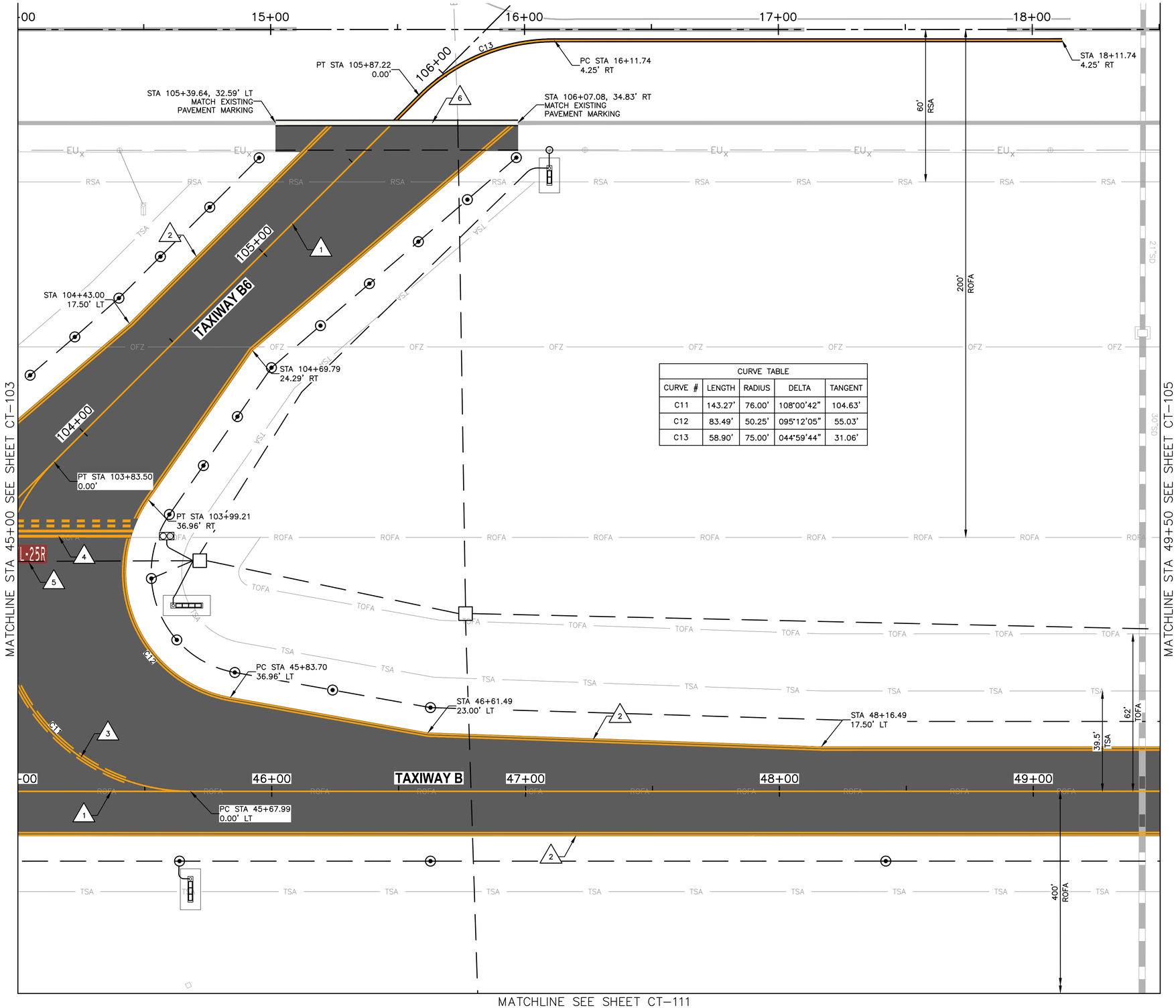
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER:
CT-103

SHEET 91 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CT-103-GMP4.dwg — Feb 27,2026 11:00am



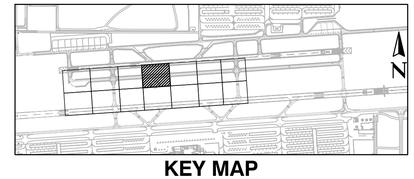
CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C11	143.27'	76.00'	108°00'42"	104.63'
C12	83.49'	50.25'	095°12'05"	55.03'
C13	58.90'	75.00'	044°59'44"	31.06'

PAVEMENT MARKING NOTES

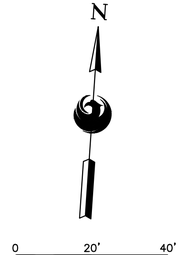
1. PAINT TAXIWAY CENTERLINE MARKING PER DTL D1, SHEET CT-501
2. PAINT TAXIWAY EDGE MARKING PER DTL D2, SHEET CT-501
3. PAINT ENHANCED TAXIWAY CENTERLINE MARKING PER DTL D3, SHEET CT-501
4. PAINT RUNWAY HOLDING POSITION MARKING PER DTL D4, SHEET CT-501
5. PAINT SURFACE PAINTED HOLDING POSITION SIGN PER DTL D5, SHEET CT-501
6. PAINT RUNWAY EDGE MARKING PER DTL D6, CT-501

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

WT EYK
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

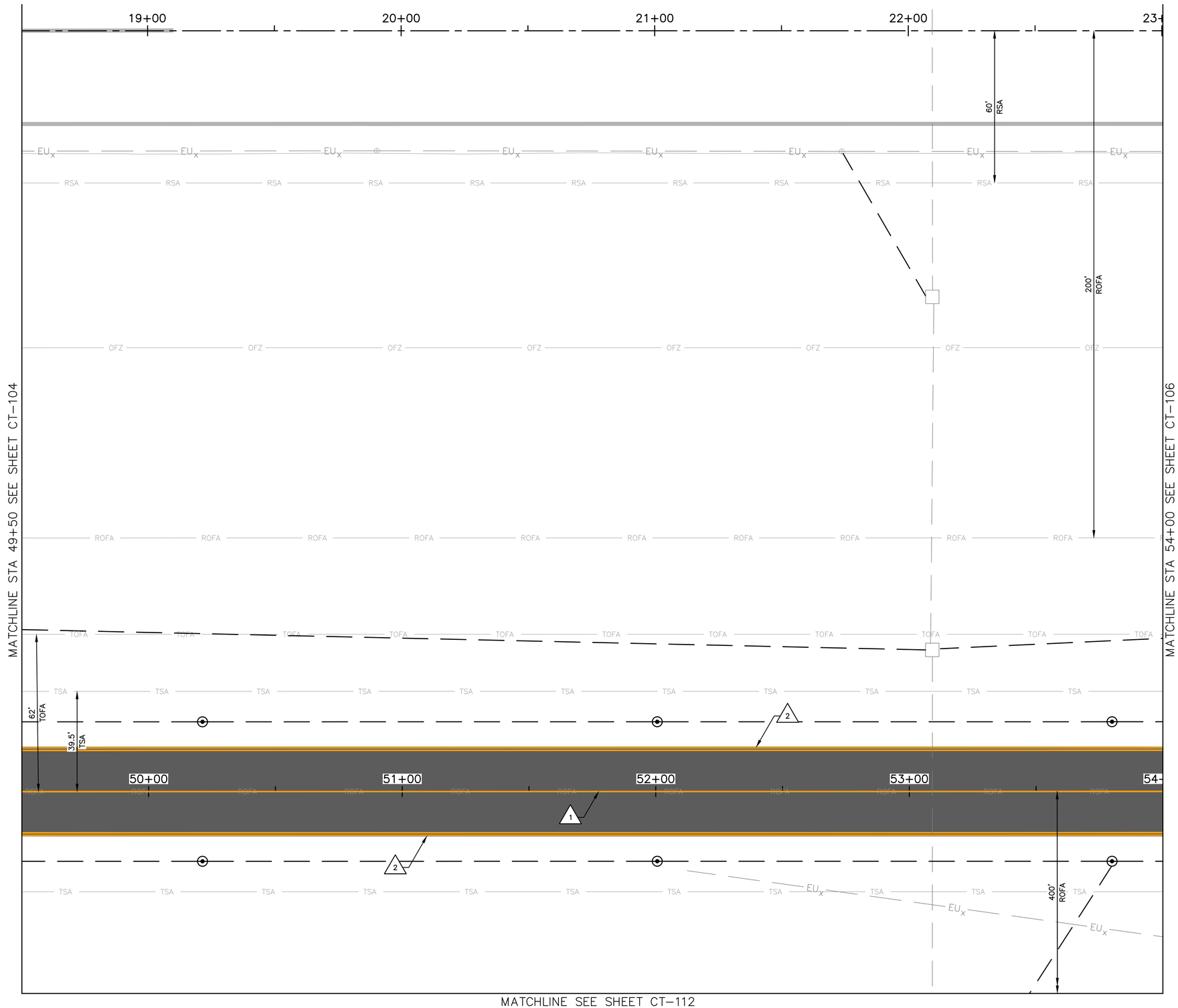
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER:
CT-104

SHEET 92 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CT-104-GMP4.dwg - Feb 27,2026 11:01am

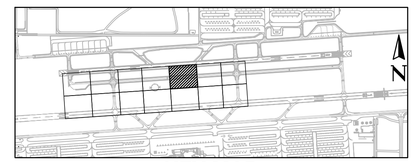


PAVEMENT MARKING NOTES

1. PAINT TAXIWAY CENTERLINE MARKING PER DTL D1, SHEET CT-501
2. PAINT TAXIWAY EDGE MARKING PER DTL D2, SHEET CT-501

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



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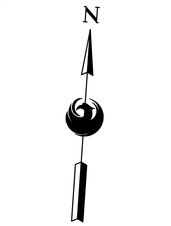

0 20' 40'

SCALE:1"=20'

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PRIME CONSULTANT
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SUB CONSULTANT

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

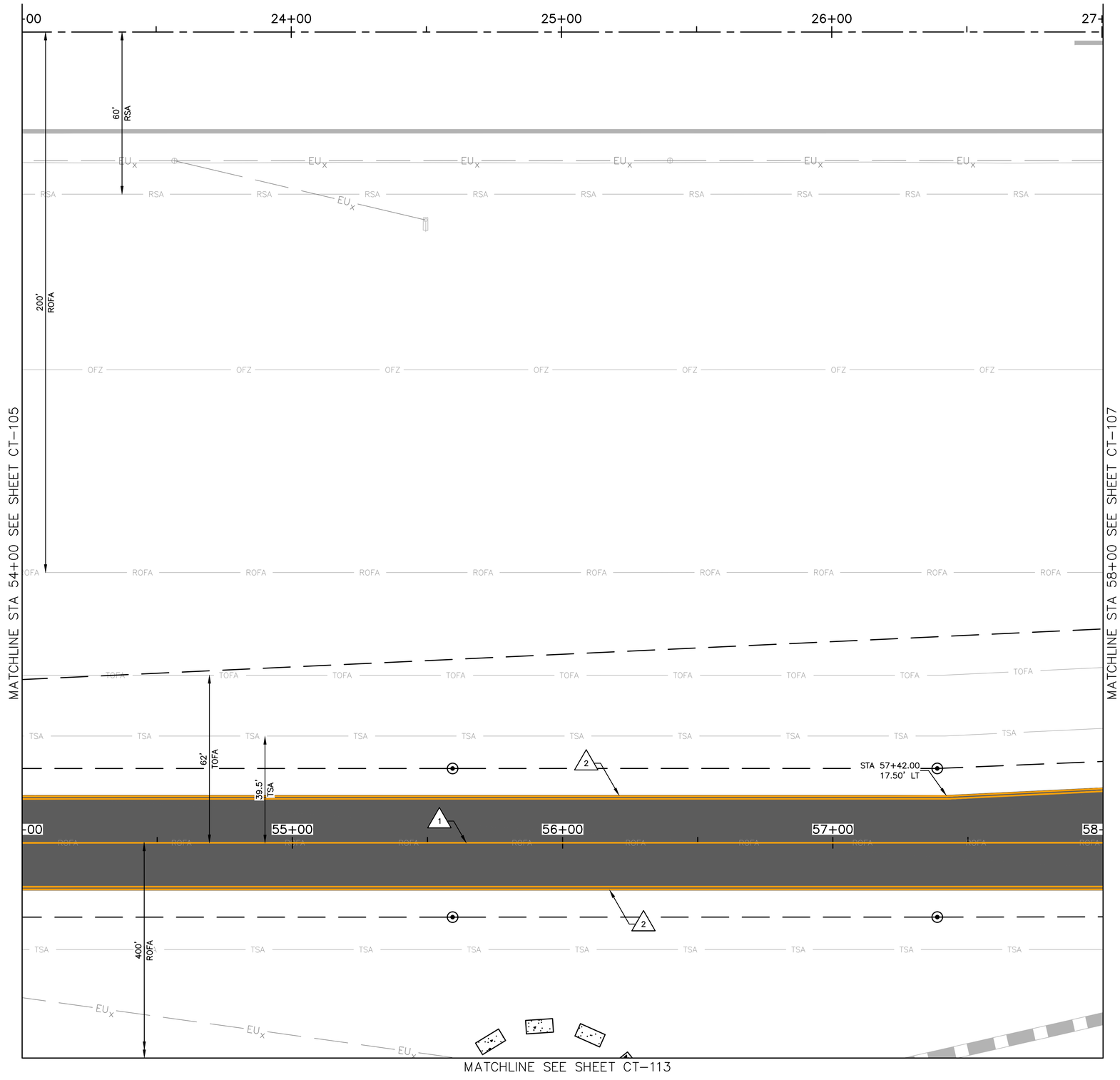
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER:
CT-105

SHEET 93 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CT-105_GMP4.dwg - Feb 26,2026 11:18am

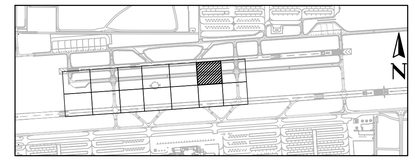


PAVEMENT MARKING NOTES

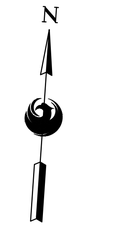
1. PAINT TAXIWAY CENTERLINE MARKING PER DTL D1, SHEET CT-501
2. PAINT TAXIWAY EDGE MARKING PER DTL D2, SHEET CT-501

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

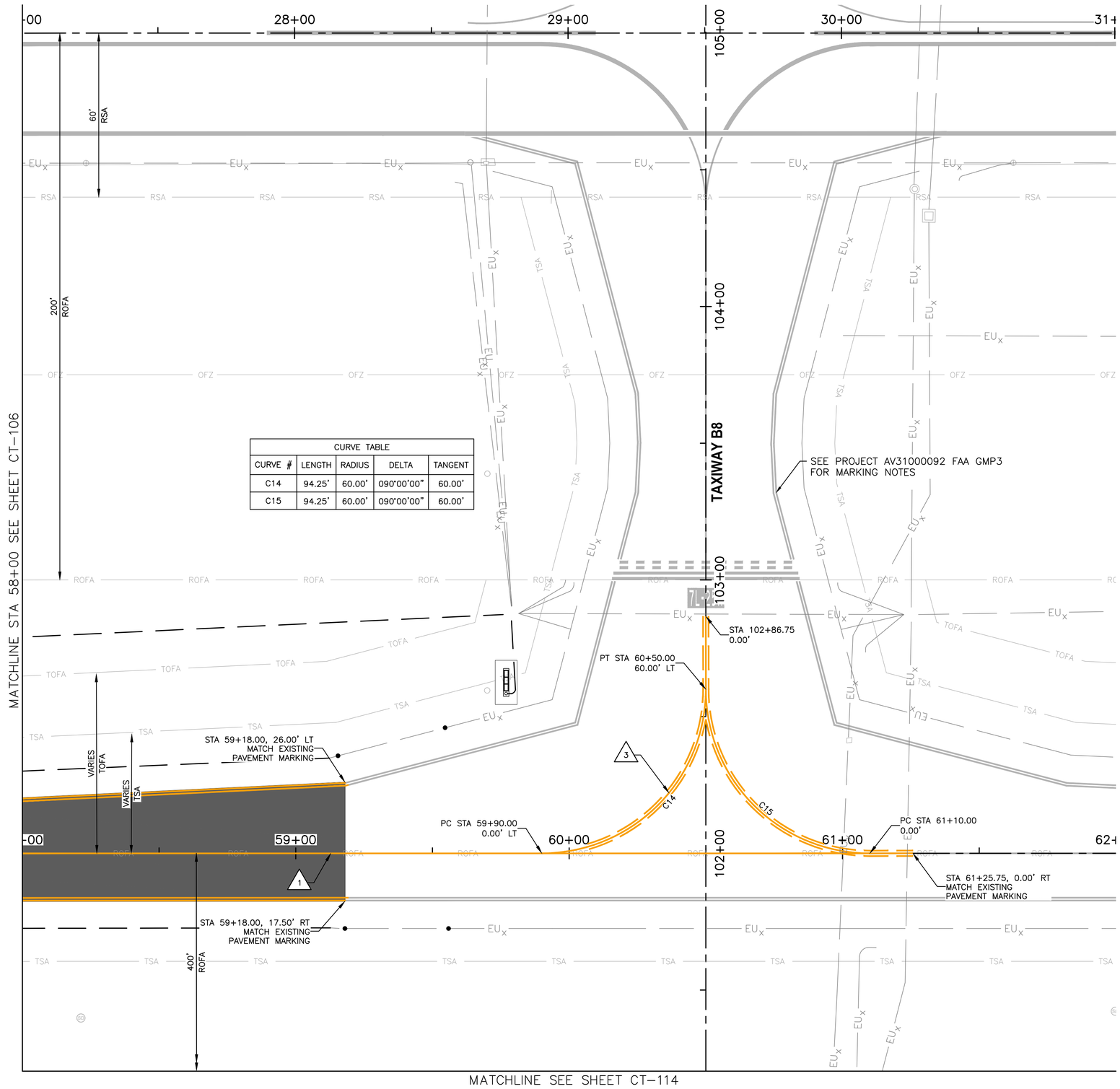
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER:
CT-106

SHEET 94 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMPs\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CT-106_GMP4.dwg - Feb 26,2026 - 11:19am



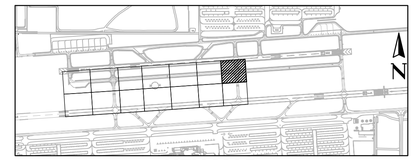
CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C14	94.25'	60.00'	090°00'00"	60.00'
C15	94.25'	60.00'	090°00'00"	60.00'

PAVEMENT MARKING NOTES

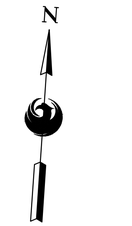
1. PAINT TAXIWAY CENTERLINE MARKING PER DTL D1, SHEET CT-501
2. PAINT TAXIWAY EDGE MARKING PER DTL D2, SHEET CT-501
3. PAINT ENHANCED TAXIWAY CENTERLINE MARKING PER DTL D3, SHEET CT-501
4. PAINT RUNWAY HOLDING POSITION MARKING PER DTL D4, SHEET CT-501
5. PAINT SURFACE PAINTED HOLDING POSITION SIGN PER DTL D5, SHEET CT-501
6. PAINT RUNWAY EDGE MARKING PER DTL D6, CT-501

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



0 20' 40'

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

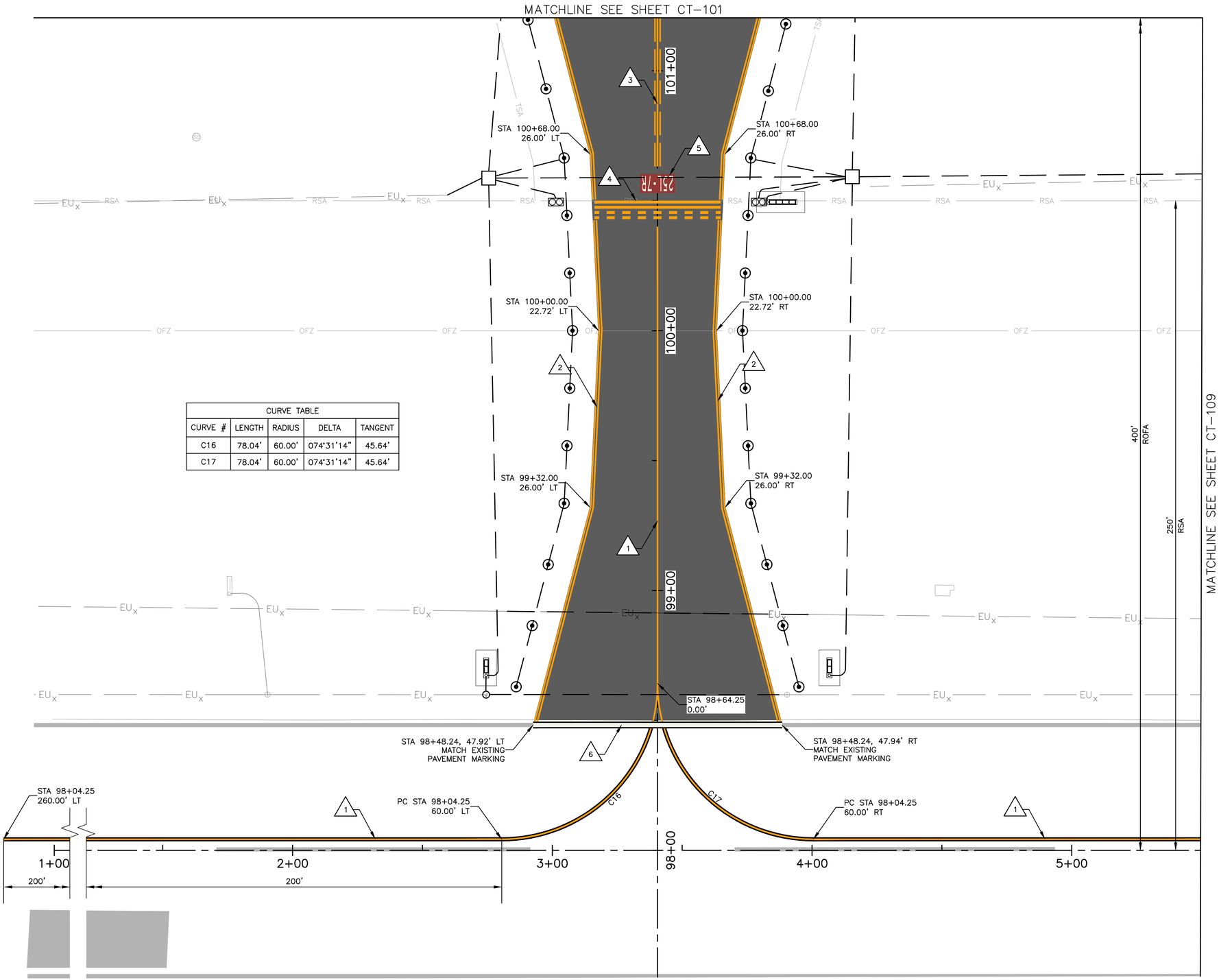
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER: CT-107

SHEET 95 OF 161

N:\2024\241104 - PVT Taxiway B Relocation GMP4\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CT-107_GMP4.dwg - Feb 26,2026 1:46pm



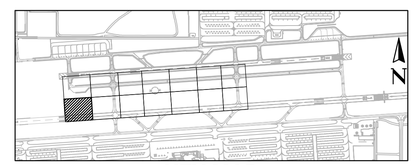
CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C16	78.04'	60.00'	074°31'14"	45.64'
C17	78.04'	60.00'	074°31'14"	45.64'

PAVEMENT MARKING NOTES

1. PAINT TAXIWAY CENTERLINE MARKING PER DTL D1, SHEET CT-501
2. PAINT TAXIWAY EDGE MARKING PER DTL D2, SHEET CT-501
3. PAINT ENHANCED TAXIWAY CENTERLINE MARKING PER DTL D3, SHEET CT-501
4. PAINT RUNWAY HOLDING POSITION MARKING PER DTL D4, SHEET CT-501
5. PAINT SURFACE PAINTED HOLDING POSITION SIGN PER DTL D5, SHEET CT-501
6. PAINT RUNWAY EDGE MARKING PER DTL D6, CT-501

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

SCALE:1"=20'

PRIME CONSULTANT: TRACE CONSULTING, 1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034
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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYW
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

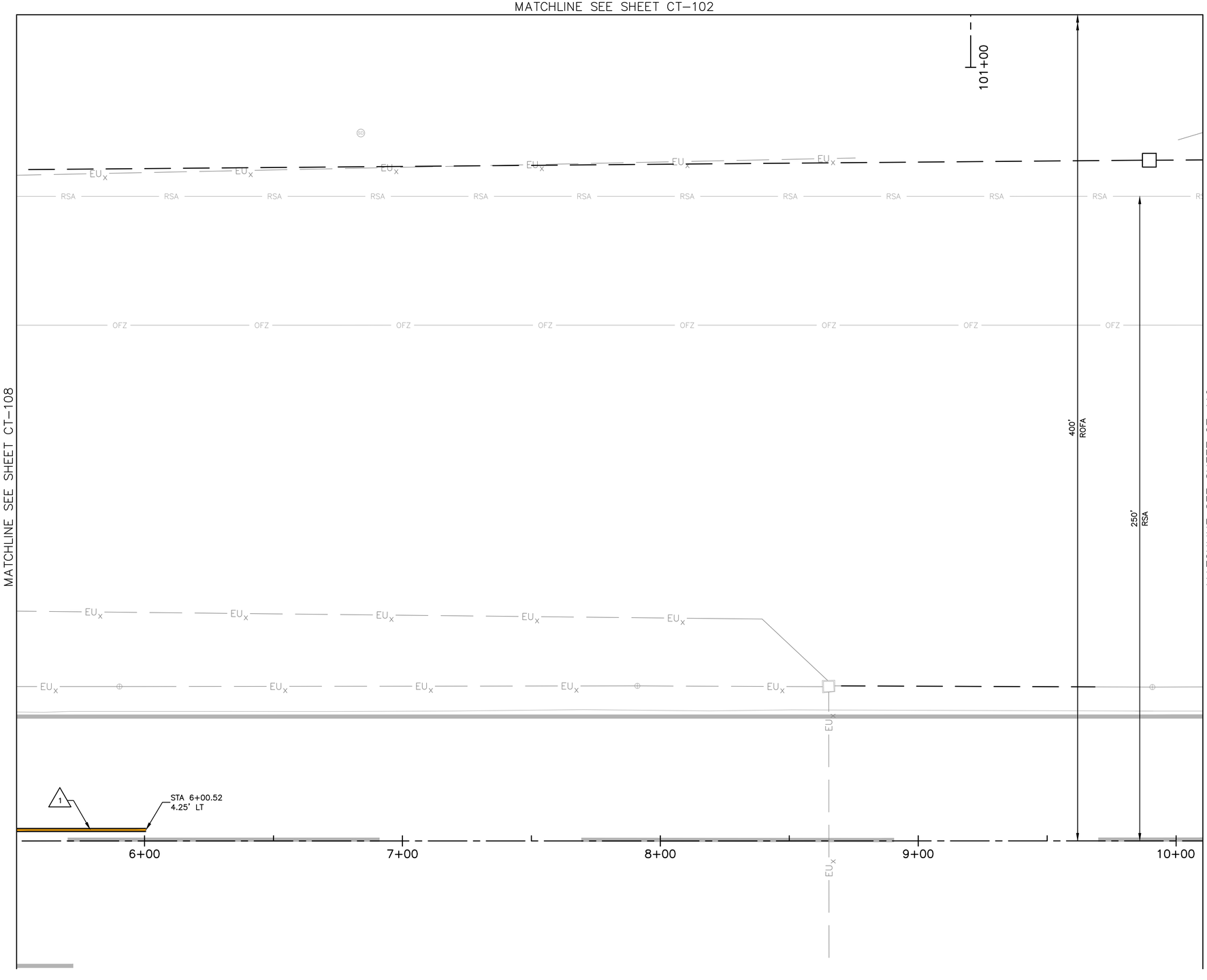
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER:
CT-108

SHEET 96 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CT-108-GMP4.dwg - Feb 27,2026 11:07am

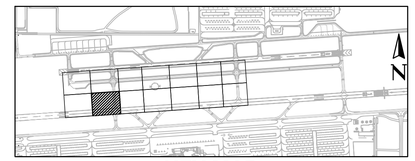


PAVEMENT MARKING NOTES

1. PAINT TAXIWAY CENTERLINE MARKING PER DTL D1, SHEET CT-501

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



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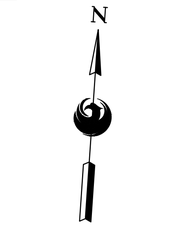

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

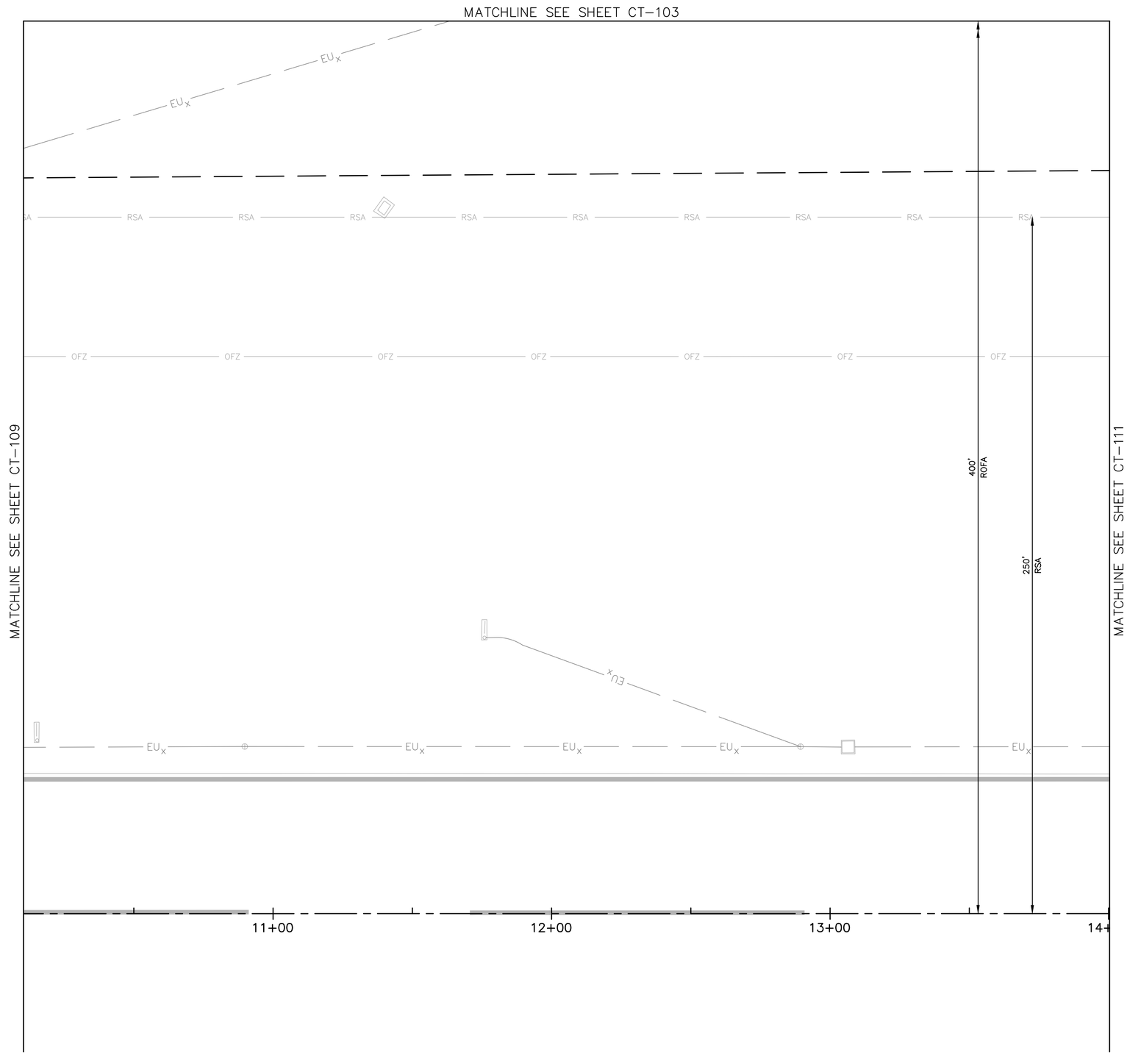
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER:
CT-109

SHEET 97 OF 161

N:\2024\241104 - PVT Taxiway B Relocation GMP's\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg_AV31000092-1-CT-109-GMP4.dwg - Feb 27,2026 - 11:03am

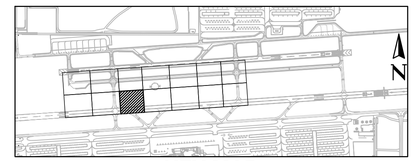


PAVEMENT MARKING NOTES

NO WORK THIS SHEET

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



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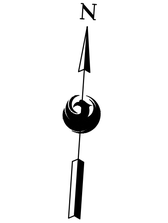

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

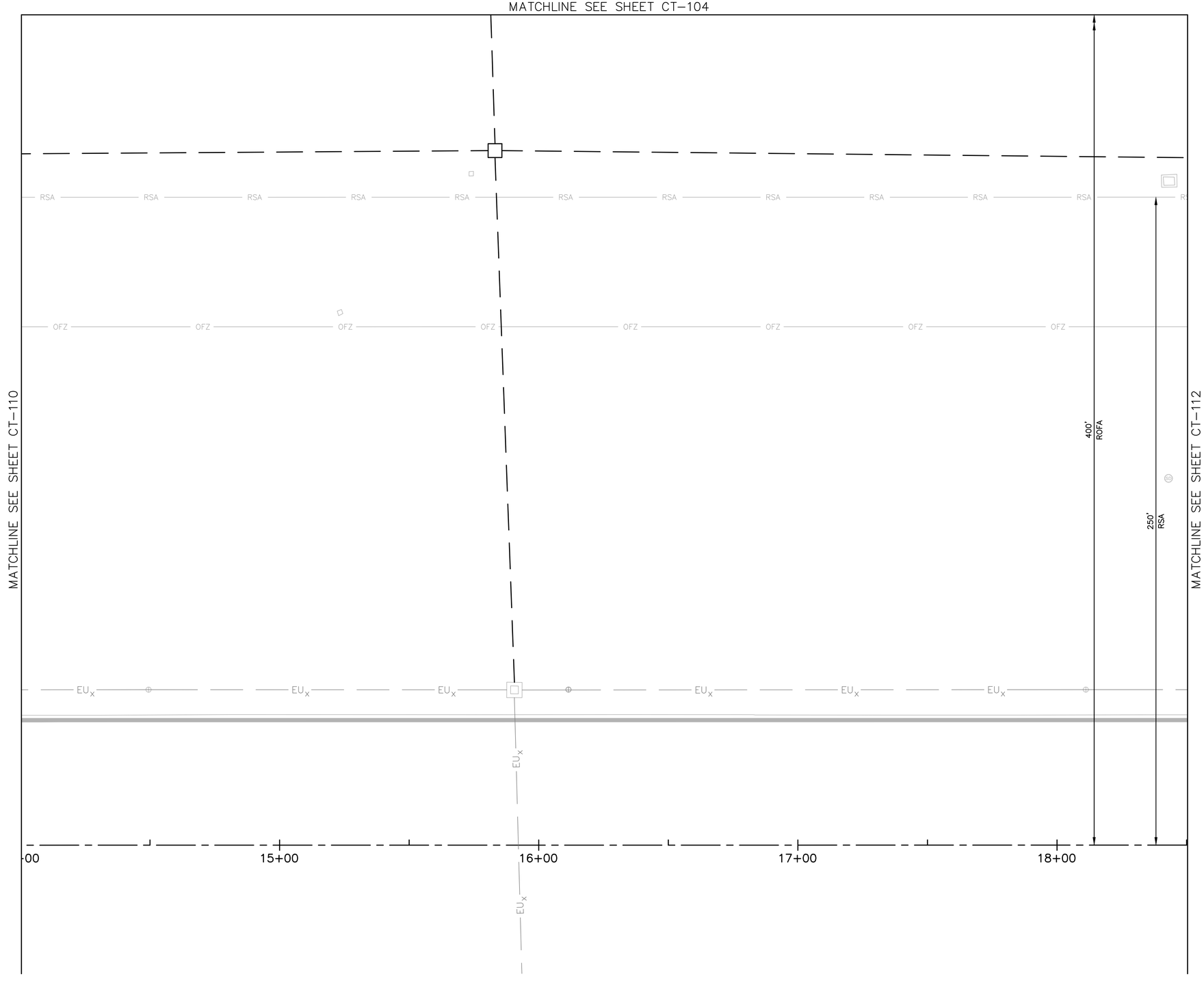
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER:
CT-110

SHEET 98 OF 161

N:\2024\241104 - PVT Taxiway B Relocation GMP's\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CT-110-GMP4.dwg - Feb 26,2026 11:24am

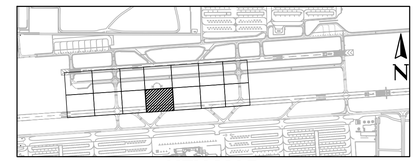


PAVEMENT MARKING NOTES

NO WORK THIS SHEET

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



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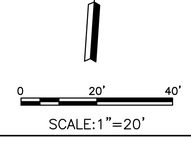

SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYH
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

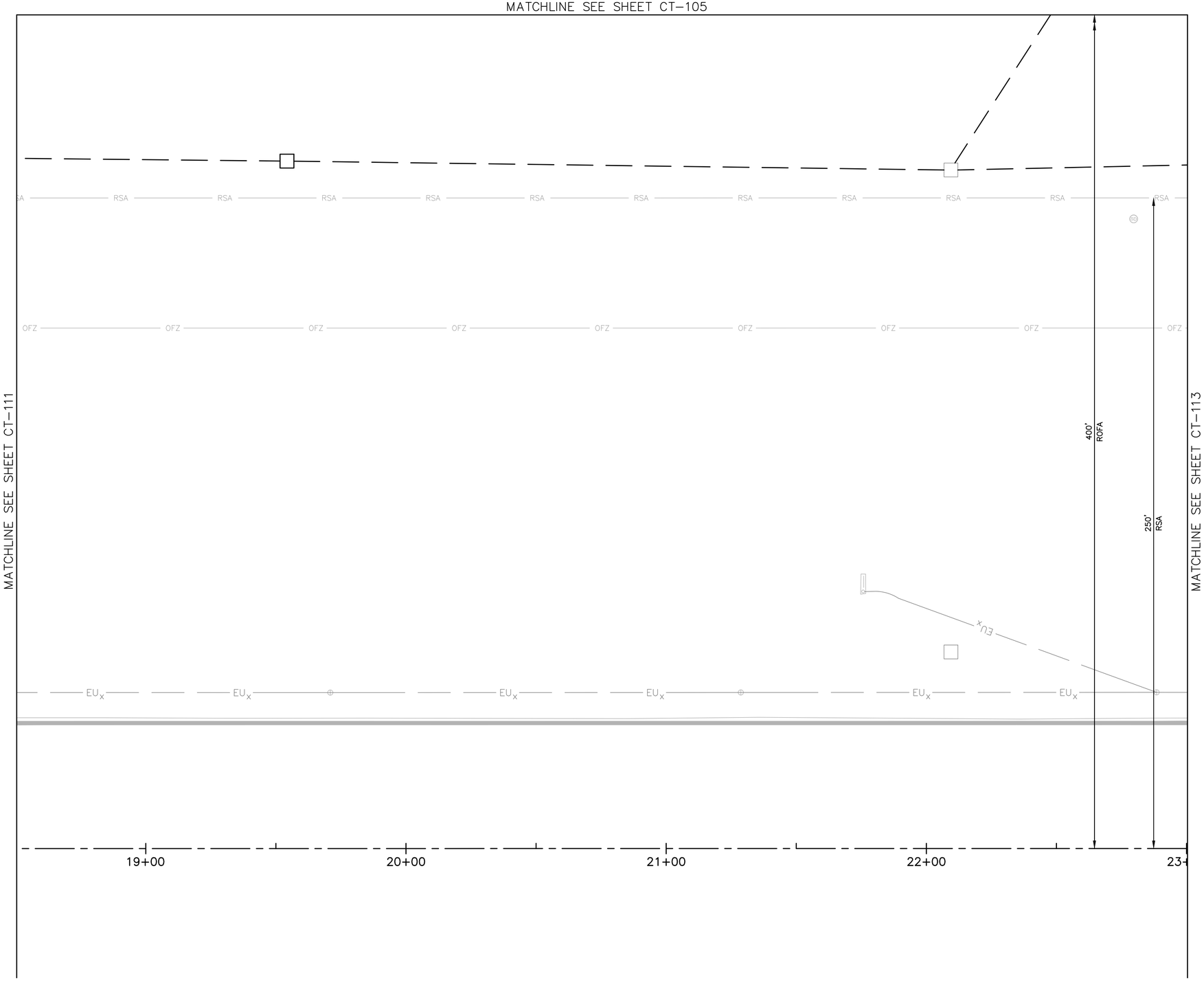
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER:
CT-111

SHEET 99 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP's\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CT-111-GMP4.dwg - Feb 26,2026 11:25am

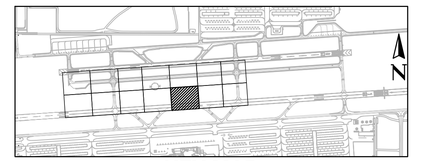


PAVEMENT MARKING NOTES

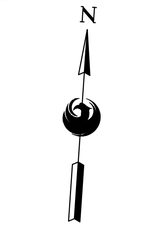
NO WORK THIS SHEET

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.: 3-04-0028-XXX-TBD

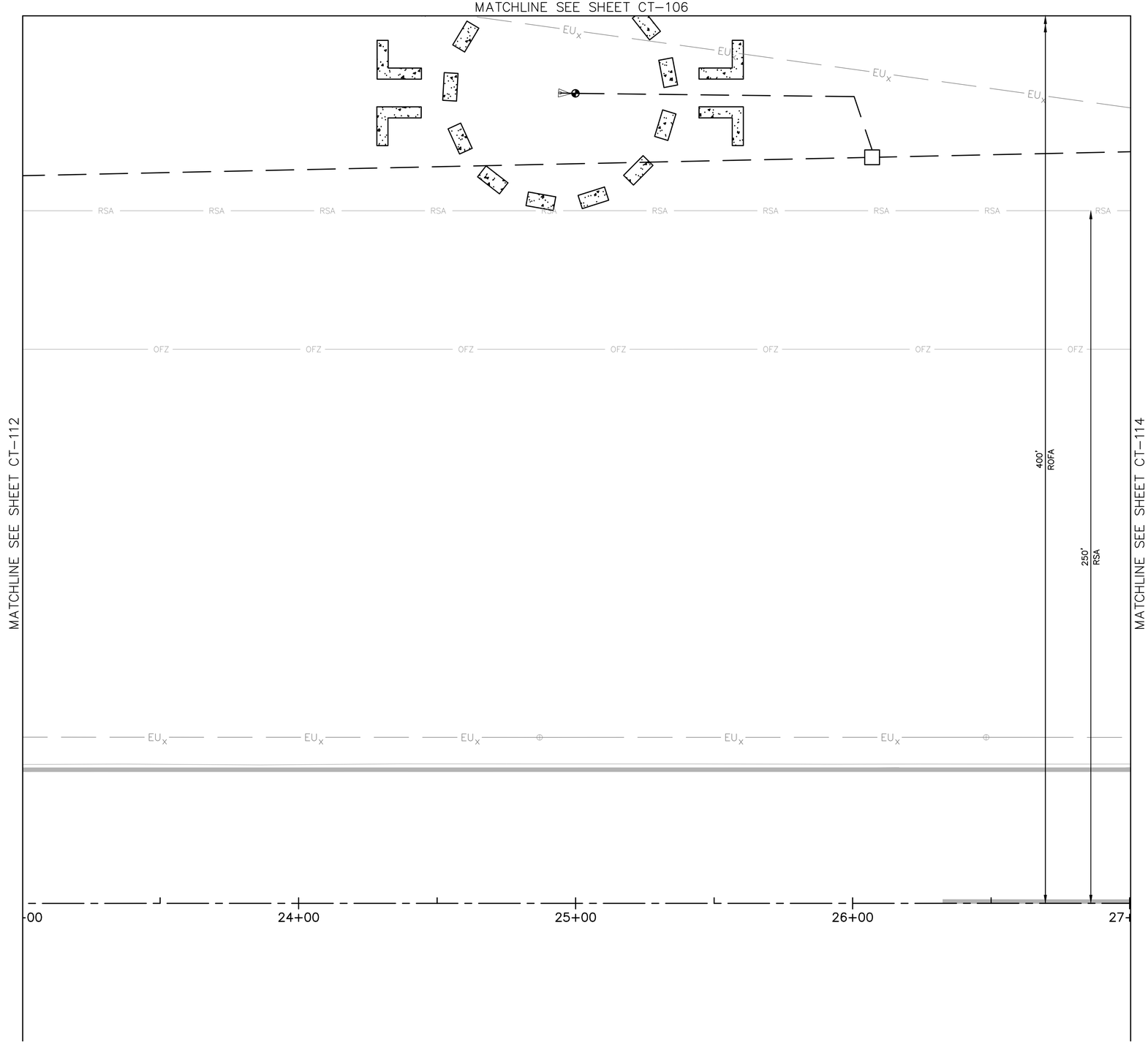
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER:
CT-112

SHEET 100 OF 161

N:\2024\241104 - DVT Taxiway B Relocation GMP's\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CT-112-GMP4.dwg - Feb 26,2026 - 11:26am

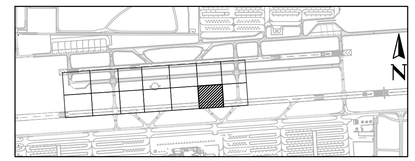


PAVEMENT MARKING NOTES

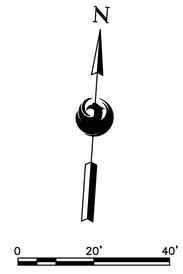
NO WORK THIS SHEET

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

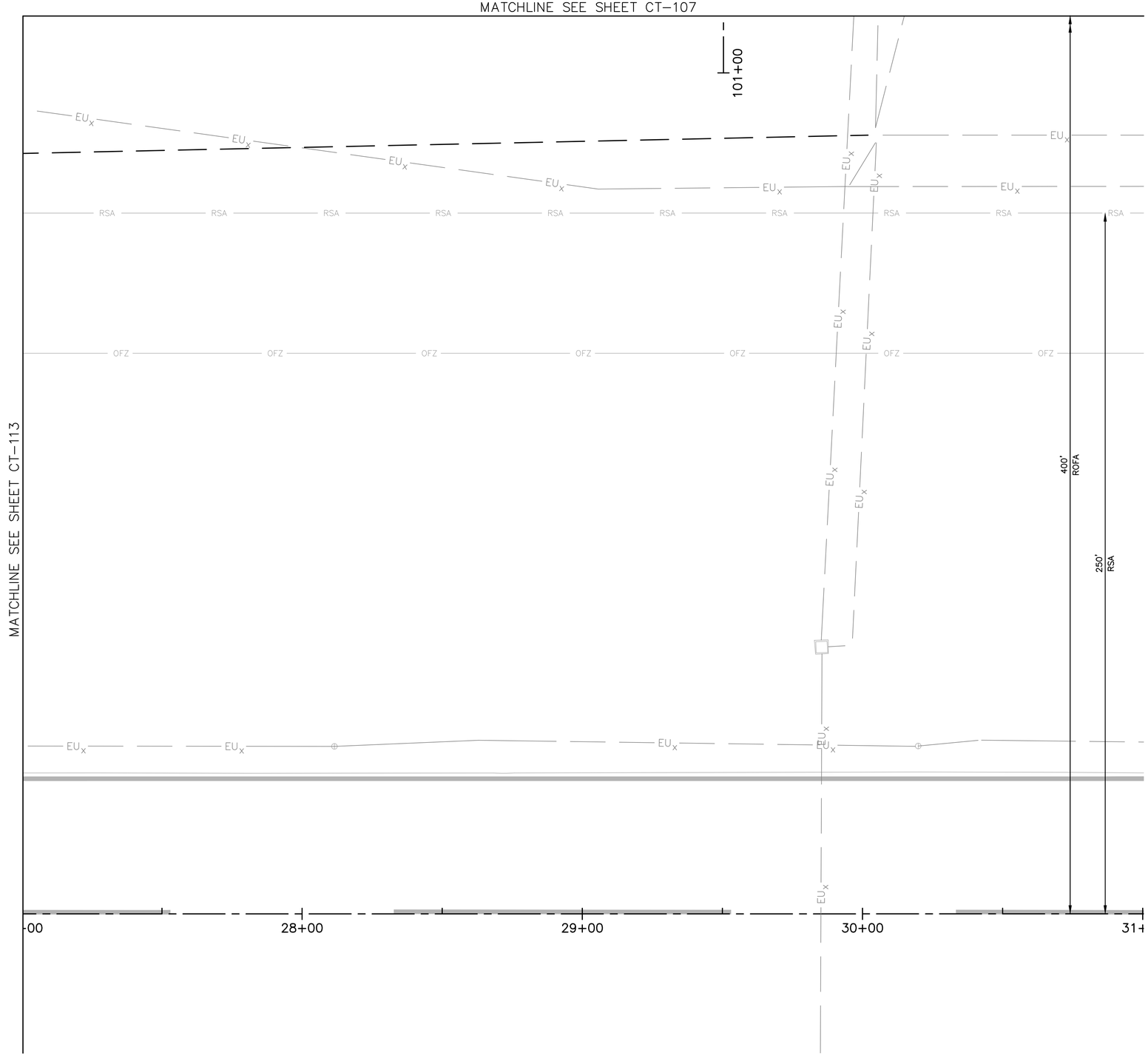
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

SHEET REFERENCE NUMBER:
CT-113

SHEET 101 OF 161

N:\2024\241104 - PVT Taxiway B Relocation GMP's\241104.07 - PVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CT-113-GMP4.dwg - Feb 26,2026 - 11:27am

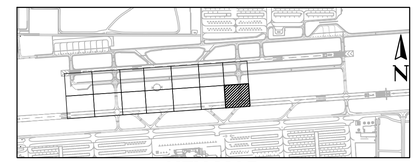


PAVEMENT MARKING NOTES

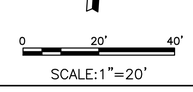
NO WORK THIS SHEET

REFERENCE NOTES

1. STATIONING IS BASED ON TWY B CONSTRUCTION ℄ UNLESS OTHERWISE NOTED.



KEY MAP



SCALE:1"=20'

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYH
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: T. ROTH
Drawn by: E. MAUPIN
Checked by: G. SHAW
Date: 02/27/2026
Dwg scale: AS SHOWN

AIP NO.:
3-04-0028-XXX-TBD

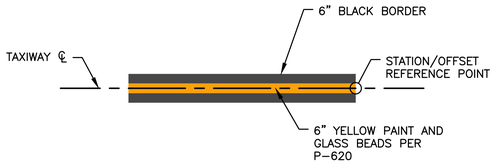
SHEET OVERVIEW TITLE

AIRFIELD MARKING PLAN

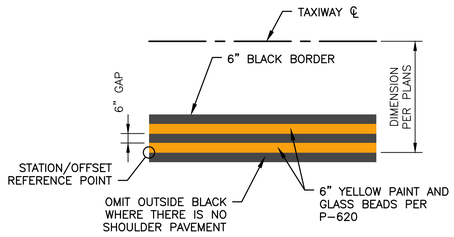
SHEET REFERENCE NUMBER:
CT-114

SHEET 102 OF 161

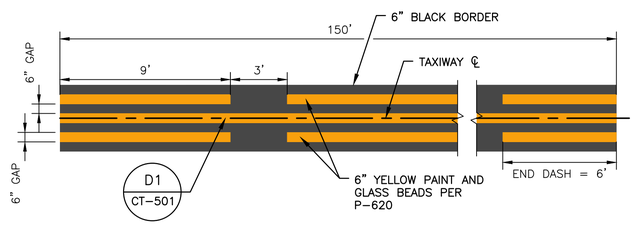
N:\2024\241104 - DVT Taxiway B Relocation GMP4\241104.07 - DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1_CT-114-GMP4.dwg - Feb 26,2026 - 11:28am



D1 / CT-501 **TAXIWAY CENTERLINE MARKING**
NTS

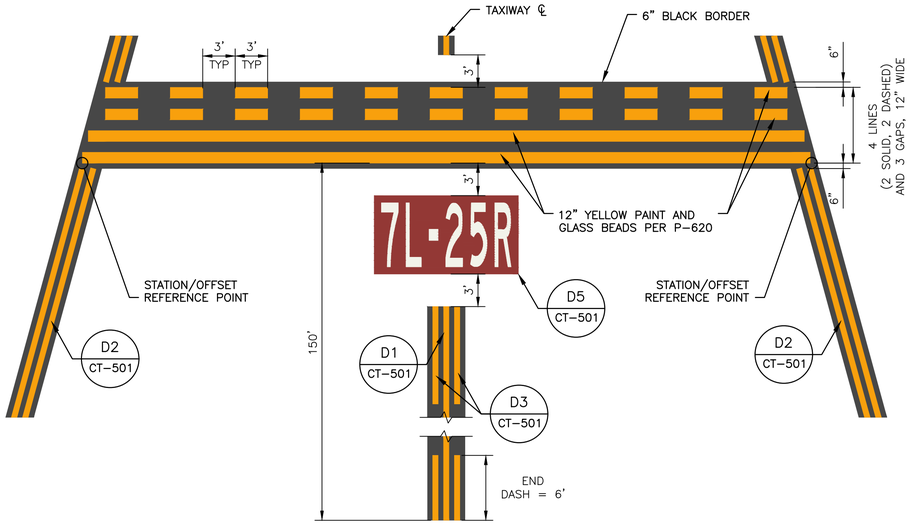


D2 / CT-501 **CONTINUOUS TAXIWAY EDGE MARKING**
NTS

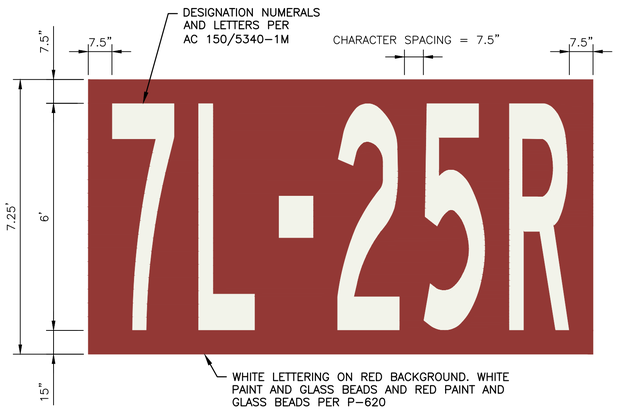


NOTES:
1. ENHANCED TAXIWAY CENTERLINE MARKING DIMENSIONS TAKEN ALONG TAXIWAY CENTERLINE.

D3 / CT-501 **ENHANCED TAXIWAY CENTERLINE MARKING**
NTS

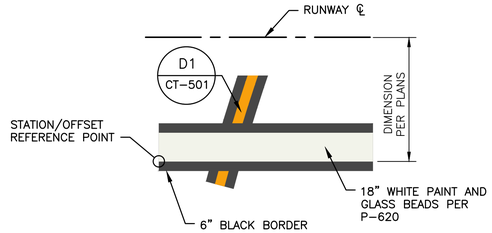


D4 / CT-501 **RUNWAY HOLDING POSITION MARKING DIMENSIONS**
NTS

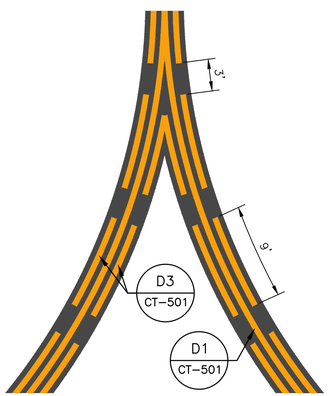


NOTES:
1. 7L–25R SIGN SHOWN FOR REFERENCE, SEE MARKING PLANS FOR INSCRIPTIONS AND LOCATIONS.

D5 / CT-501 **SURFACE PAINTED HOLDING POSITION SIGN**
NTS

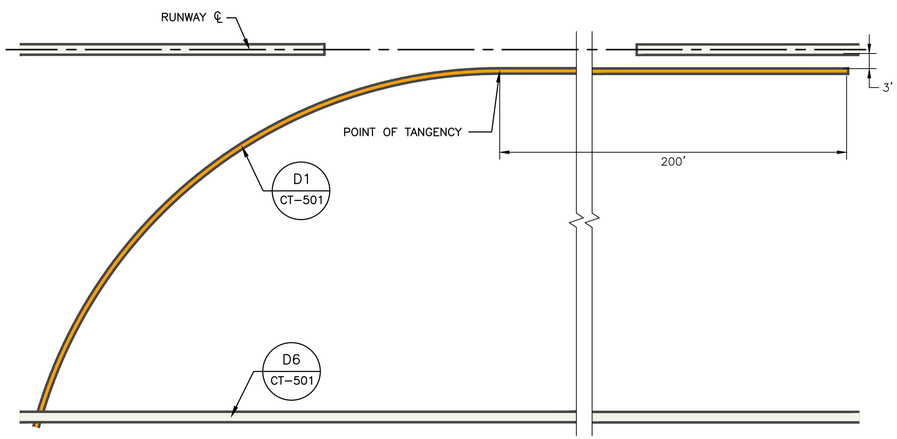


D6 / CT-501 **RUNWAY EDGE MARKING**
NTS



NOTES:
1. IF V–SHAPED INNER DASHES ARE LESS THAN 5 FEET THEY MAY BE OMITTED.
2. MEASUREMENTS ARE TAKEN ALONG THE CENTER OF THE CENTERLINE STRIPE.

D7 / CT-501 **DASHED LINES AT CONVERGING TAXIWAY CENTERLINES**
NTS



D8 / CT-501 **RUNWAY/TAXIWAY INTERSECTION LEAD IN LINES**
NTS

NOTES:
1. CLOSED TAXIWAY MARKINGS SHALL BE YELLOW PAINT. YELLOW MARKINGS SHALL HAVE RETROREFLECTIVE MEDIA.
2. PLACE 50' FROM RUNWAY EDGE WHERE APPLICABLE.

D9 / CT-501 **TAXIWAY CLOSURE MARKING**
NTS

GENERAL NOTES

1. FINAL MARKING SHALL ALIGN WITH EXISTING MARKING AT EDGE OF NEW PAVEMENT.
2. LETTERING FOR SURFACE PAINTED HOLDING POSITION SIGNS SHALL BE IN ACCORDANCE WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULAR NO. 150/5340-1M, APPENDIX B.
3. ALL MARKINGS ARE SUBJECT TO FINAL APPROVAL BY AIRPORT OPERATIONS.
4. PAINT CONTRACTOR TO UTILIZE THE PROVIDED DVT PAINT STENCILS FOR INSTALLATION OF PAVEMENT MARKINGS.
5. OBLITERATE EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PROPOSED PAVEMENT MARKING LAYOUT AND CLEARANCES.
6. BLACK BORDER NOT TO BE PAINTED FOR MARKINGS ON NEW ASPHALT.
7. NO GLASS BEADS SHALL BE APPLIED TO TEMPORARY PAVEMENT MARKINGS.
8. APPLICATION RATE FOR TEMPORARY AND PERMANENT PAVEMENT MARKINGS SHALL BE PER P–620.

PRIME CONSULTANT: TRACE CONSULTING, 1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034
SUB CONSULTANT:

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	T. ROTH
Drawn by:	E. MAUPIN
Checked by:	G. SHAW
Date:	02/27/2026
Dwg scale:	NTS

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE
AIRFIELD MARKING DETAILS

SHEET REFERENCE NUMBER:
CT-501

N:\2024\241104 – DVT Taxiway B Relocation GMP4\241104.07 – DVT Taxiway B Relocation GMP4 Design\Dwg\Dwg\ AV31000092-1-CT-501-GMP4.dwg – Feb 26,2026 - 11:29am

ELECTRICAL LEGEND:

(UNLESS OTHERWISE NOTED ON PLANS)

EU$_x$	EXISTING ELECTRICAL CONDUIT AND CONDUCTOR
FO	EXISTING FIBER OPTIC DUCTBANK
	PVC W/#8–5KV L–824 TYPE "C" CABLE PER INDICATED LIGHTING CIRCUIT. (QUANTITY AND SIZE AS INDICATED ON PLAN SHEETS)
	CONCRETE ENCASED CONDUIT/DUCTBANK
	1–2"C DIRECT BURIED TEMPORARY RUNWAY SLEEVE
	EXISTING TAXIWAY EDGE LIGHT
	EXISTING RUNWAY EDGE LIGHT
	EXISTING JUNCTION CAN
	EXISTING L–867 LIGHT BASE CAN WITH COVER
E F	EXISTING RUNWAY END IDENTIFIER LIGHT
	EXISTING AIRFIELD GUIDANCE SIGN
	EXISTING ELECTRICAL HANDHOLE
	EXISTING RUNWAY GUARD LIGHT
	EXISTING RETROREFLECTIVE TAXIWAY EDGE MARKER
	NEW AIRFIELD GUIDANCE SIGN WITH ASPHALT MAINTENANCE PAD
	NEW ELECTRICAL HANDHOLE
	NEW L–861T(L) LED TAXIWAY EDGE LIGHT
	NEW L–861T(L) LED TAXIWAY EDGE LIGHT ON EXISTING BASE CAN
	NEW OR SALVAGED L–804(L) LED ELEVATED RUNWAY GUARD LIGHT
J	NEW L–867B (12" DIA) JUNCTION CAN
	NEW L–867D (16" DIA) JUNCTION CAN

ADVISORY CIRCULARS FOR AIRPORT PROJECTS (MOST RECENT VERSION):

150/5340–18	STANDARDS FOR AIRPORT SIGN SYSTEMS
150/5340–30	DESIGN & INSTALLATION DETAILS FOR AIRPORT VISUAL AIDS
150/5345–7	SPECIFICATION FOR L–824 UNDERGROUND ELECTRICAL CABLE FOR AIRPORT LIGHTING CIRCUITS
150/5345–26	SPECIFICATION FOR L–823 PLUG AND RECEPTACLE, CABLE CONNECTORS
150/5345–42	SPECIFICATION FOR AIRPORT LIGHT BASES, TRANSFORMER HOUSINGS, JUNCTION BOXES, AND ACCESSORIES
150/5345–44	SPECIFICATION FOR RUNWAY AND TAXIWAY SIGNS
150/5345–46	SPECIFICATION FOR RUNWAY AND TAXIWAY LIGHT FIXTURES
150/5345–47	SPECIFICATION FOR SERIES TO SERIES ISOLATION TRANSFORMERS FOR AIRPORT LIGHTING SYSTEMS
150/5345–53	AIRPORT LIGHTING EQUIPMENT CERTIFICATION PROGRAM
150/5370–2	OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION
150/5370–10	STANDARDS FOR SPECIFYING CONSTRUCTION OF AIRPORTS
ADDENDUM	AIRPORT LIGHTING EQUIPMENT CERTIFICATION PROGRAM (PUBLISHED MONTHLY AND LISTING APPROVED SUPPLIERS)

ELECTRICAL ABBREVIATIONS:

APS	ARIZONA PUBLIC SERVICE
BCC	BARE COPPER GROUND
CCR	CONSTANT CURRENT REGULATOR
CE	CONCRETE ENCASED
CKT	CIRCUIT
CU	COPPER
FAA	FEDERAL AVIATION ADMINISTRATION
GND	GROUND
GRS	GALVANIZED RIGID STEEL
KW	KILOWATT
LED	LIGHT EMITTING DIODE
LF	LINEAR FEET
NPI	NON–PAY ITEM
PAPI	PRECISION APPROACH PATH INDICATOR
PVC	POLY–VINYL CHLORIDE
REIL	RUNWAY END IDENITIFIER LIGHT
RGL	RUNWAY GUARD LIGHT
SE	SLURRY ENCASED
SGN	SIGN
TYP	TYPICAL

ELECTRICAL SHEET INDEX

EA–001	ELECTRICAL LEGEND, ABBREVIATIONS, AND SHEET INDEX
EA–002	ELECTRICAL NOTES
ED–101 – ED–119	AIRFIELD ELECTRICAL DEMOLITION PLANS
EA–101 – EA–120	AIRFIELD LIGHTING AND ELECTRICAL PLANS
EA–501	ELECTRICAL DETAILS – CONDUIT DUCTBANKS AND DUCT MARKER
EA–502	ELECTRICAL DETAILS – COUNTERPOISE AND GROUNDING
EA–503	ELECTRICAL DETAILS – 4'x4'x4' HANDHOLE
EA–504	ELECTRICAL DETAILS – JUNCTION CAN
EA–505	ELECTRICAL DETAILS – NEW CAST–IN–PLACE CONCRETE BASE FOR AIRFIELD GUIDANCE SIGN
EA–506	ELECTRICAL DETAILS – L–858 AIRFIELD GUIDANCE SIGN AND 5KV CABLE SPLICE
EA–507	ELECTRICAL DETAILS – ELEVATED TAXIWAY EDGE LIGHT
EA–508	ELECTRICAL DETAILS – RUNWAY GUARD LIGHT
EA–509	ELECTRICAL DETAILS – NEW PRIMARY WINDCONE INSTALLATION
EA–510	ELECTRICAL DETAILS – NEW PRE–CAST CONCRETE BASE FOR AIRFIELD GUIDANCE SIGN
EA–601	AIRFIELD GUIDANCE SIGN SCHEDULE
EA–602	AIRFIELD GUIDANCE SIGN SCHEDULE
EA–603	EQUIPMENT DATA TABLES
EA–604	EQUIPMENT DATA TABLES
EA–605	EQUIPMENT DATA TABLES
EA–701	EXISTING AIRFIELD LIGHTING VAULT ELECTRICAL EQUIPMENT MODIFICATION PLAN
EA–702	EXISTING AIRFIELD LIGHTING VAULT MODIFIED PANEL HD SCHEDULE

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SUB CONSULTANT: CR engineers, 16719 East Palisades Blvd., Suite 202, Fountain Hills, AZ 85268, Phone: (480) 816-5541, Fax: (480) 816-5540, www.creng.com

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	SW
Drawn by:	JBW
Checked by:	CA
Date:	02/25/2026
Dwg scale:	NTS

AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

ELECTRICAL LEGEND, ABBREVIATIONS, AND SHEET INDEX

SHEET REFERENCE NUMBER: EA-001

Q:\PROJECTS\18000\18006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 18006_EA–001–GMP4.dwg – Feb 26,2026 1:37pm

ELECTRICAL DEMOLITION GENERAL NOTES

1. WITHIN AREAS OF DEMOLITION AND AS OTHERWISE SHOWN, REMOVE IDENTIFIED SIGN BASES, ISOLATION TRANSFORMERS AND OTHER INDICATED ITEMS.
2. CABLE REMOVAL
   A. DIRECT BURIAL: REMOVE FROM WITHIN MANHOLES AND HANDHOLES AND REMOVE IN AREAS WHERE EXCAVATION REQUIRES DISTURBING, ABANDON ELSEWHERE.
   B. IN CONDUIT: REMOVE COMPLETELY BETWEEN NEAREST BASES, HANDHOLES OR MANHOLES.
3. AT INDICATED DEVICES TO BE REMOVED OR IN DEMOLITION AREAS INDICATED, REMOVE ALL CONDUCTORS BACK TO NEAREST MANHOLE OR HANDHOLE OUTSIDE DEMOLITION AREA.
4. SIGNS AND/OR SIGN BASES, CABLES, CONDUITS, DUCTS, ETC. WHICH ARE NOT SPECIFICALLY INDICATED TO BE REMOVED (OR WHICH ARE SHOWN TO REMAIN WITHIN AREAS OF GENERAL DEMOLITION) SHALL REMAIN IN-PLACE AND FUNCTIONAL.
5. CONTRACTOR SHALL VERIFY EQUIPMENT AND CABLE DESIGNATIONS AND STATUS PRIOR TO REMOVAL OR DISCONNECTING.
6. UNLESS OTHERWISE NOTED, ALL REMOVED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL ORDINANCES. REMOVED LIGHT FIXTURE AND SIGNS NOT DESIGNATED FOR RE-INSTALLATION SHALL BE OFFERED TO AIRPORT FOR RETURN UNLESS OTHERWISE NOTED.
7. DRAWINGS MAY NOT DETAIL ALL EXISTING FACILITIES IN AREAS OF DEMOLITION. CONTRACTOR SHALL REVIEW THE SITE AND RECORD DRAWINGS TO VERIFY THE DEMOLITION EFFORT INVOLVED.
8. EXISTING SIGNS MUST REMAIN OPERATIONAL DURING CONSTRUCTION. TEMPORARY CONNECTIONS TO EXISTING SIGNS REQUIRED DURING RELOCATION. TEMPORARY MOUNTING OF EXISTING SIGNS REQUIRED WHERE NEW LOCATION CONFLICTS WITH EXISTING LOCATION.

AIRFIELD LIGHT LOCKOUT/TAGOUT POLICY

THE PURPOSE OF THIS POLICY IS TO STANDARDIZE THE LOCKOUT/TAGOUT PROCEDURES BETWEEN ELECTRICAL CONTRACTORS, DEER VALLEY ELECTRICIANS, OPERATIONS AND AIR TRAFFIC CONTROL TOWER (ATCT).

1. DEER VALLEY ELECTRICIANS RESPONDING TO A LOCK-OUT/TAG-OUT REQUEST WILL COORDINATE WITH THE ATCT THROUGH OPERATIONS.
2. AFTER OPERATIONS NOTIFIES ELECTRICIANS OF CLOSURES, THE DEER VALLEY ELECTRICIANS WILL TURN OFF THE CLOSED RUNWAYS/TAXIWAYS USING THE AIRFIELD COMPUTER SYSTEM.
3. THE CONTRACTOR WILL SUPPLY AN APPROVED BREAKER-LOCKING DEVICE AND LOCK, THEN LOCK OF THE INDIVIDUAL BREAKERS FOR THE CIRCUITS TO BE LOCKED OUT. THESE ITEMS WILL REMAIN IN THE VAULTS IN A LOCK BOX PROVIDED BY DEER VALLEY ELECTRICAL SECTION.
4. DEER VALLEY ELECTRIC SECTION WILL LOCK THE PANEL DOORS SHUT WITH A HASP AND AN ELECTRICAL SECTION LOCK.
5. THE S-1 CUTOUTS WILL BE PULLED, LOCKED AND PLACED ON THE CORRESPONDING REGULATOR BY THE ELECTRICAL CONTRACTOR.
6. THE ELECTRICAL CONTRACTOR AND DEER VALLEY ELECTRICIANS MUST FILL OUT LOCK-OUT FORMS BEFORE LEAVING THE VAULT.
7. UPON COMPLETION OF THE LOCKOUT, THE CONTRACTOR WILL REMOVE ALL LOCKS AND INSTALL THE S-1 CUTOUTS. ALL CIRCUITS MUST BE VERIFIED OPERATIONAL IN THE MANUAL MODE ON THE REGULATOR. OPERATIONS WILL PERFORM A COMPLETE CHECK OF THE LIGHTS IN THE FIELD, TO VERIFY ACTUAL OPERATION.
8. WHEN THAT HAS BEEN COMPLETED, DEER VALLEY ELECTRICIANS WILL NOTIFY OPERATIONS WHEN LOCK-IN IS COMPLETE AND REGULATORS ARE IN REMOTE CONTROL; OPERATIONS WILL NOTIFY THE ATCT THAT HAVE CONTROL OF THE AIRFIELD LIGHTING.
9. COMPLETE LOCK-OUT/LOCK-IN FORMS.

*THIS PROCEDURAL CHECKLIST MUST BE FOLLOWED TO THE LETTER.

ELECTRICAL CONSTRUCTION PHASING NOTES

1. CONTRACTOR SHALL COORDINATE ALL WORK WITH AIRPORT MAINTENANCE, AIRPORT OPERATIONS, AND THE ENGINEER AS NECESSARY.
2. CONTRACTOR SHALL GIVE 48 HOURS NOTICE PRIOR TO WORKING ON OR AROUND ANY DUCTBANKS, HANDHOLES, ETC.
3. CONTRACTOR SHALL MAINTAIN OR HAVE SUFFICIENT MATERIAL/ EQUIPMENT REQUIRED TO PROVIDE TEMPORARY LIGHTING AND CIRCUIT EXTENSIONS. THIS INCLUDES, BUT IS NOT LIMITED TO FIXTURES, TRANSFORMERS, BASES, CONDUIT, L-824 CABLE & L-823 SPLICE KITS. THESE ITEMS WILL NOT BE AVAILABLE FROM DVA MAINTENANCE SHOP.
4. THE CONTRACTOR SHALL MAINTAIN QUALIFIED PERSONNEL WITH THE APPROPRIATE EQUIPMENT, FOR THE INSTALLATION AND SPLICING OF AIRFIELD LIGHTING. SUCH PERSONNEL SHALL BE CAPABLE OF 60 MINUTE RESPONSE TIME IF THEY ARE NOT ALREADY PRESENT ON THE AIRFIELD.
5. TURN OFF AND COVER EXISTING SIGNAGE THAT MAY POTENTIALLY MISDIRECT AIRCRAFT MOVEMENT INTO CLOSED AREAS BARRICADED FOR CONSTRUCTION. SIGNAGE REQUIRING PARTIAL COVERAGE WITH TAXIWAY LOCATION PANELS REMAINING VISIBLE SHALL REMAIN ON WITH ONLY DIRECTIONAL PORTIONS COVERED WITH SECTIONS OF DARK COLORED TARP OR DOUBLE-LAYERED BURLAP THAT DOES NOT PERMIT VISIBILITY OF COVERED PORTION OF ARRAY DAY OR NIGHT. COVERS SHALL BE SECURELY HELD IN PLACE BY RATCHETING LASHING STRAPS, NO TAPE OR ADHESIVES WILL BE PERMITTED. SEE PHASING PLANS FOR PLACEMENT OF SIGN COVERS.
6. COVER EXISTING ELEVATED EDGE LIGHT FIXTURES IN CLOSED AREA BARRICADED FOR CONSTRUCTION WITH 4" PVC PIPE. COVER SHALL EXTEND 2" MIN. ABOVE TOP OF FIXTURE.
7. PROVIDE ANY TEMPORARY AIRFIELD CIRCUIT JUMPERS REQUIRED TO MAINTAIN OPERATION OF ALL CIRCUITS AFFECTED BY CONSTRUCTION PRIOR TO START OF DEMOLITION. TEMPORARY CIRCUIT JUMPERS SHALL BE SLEEVED IN 2" CONDUIT, SANDBAGGED OR SECURED TO LOW-LEVEL BARRICADES. TEMPORARY CIRCUIT JUMPERS MAY BE ROUTED THROUGH NEW TAXIWAY CROSSINGS OR EXISTING SPARE CONDUITS AS REQUIRED AND SHALL BE COMPLETELY REMOVED WHEN NO LONGER REQUIRED FOR OPERATION. TEMPORARY JUMPER PLACEMENT SHALL NOT AFFECT AIRCRAFT MOVEMENT OR AIRPORT OPERATIONS.
8. UNCOVER SIGNS AND EDGE LIGHT FIXTURES, REMOVE TEMPORARY JUMPERS, AND VERIFY OPERATION AT THE END OF PROJECT.

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYH
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	SW
Drawn by:	JBW
Checked by:	CA
Date:	02/25/2026
Dwg scale:	NTS

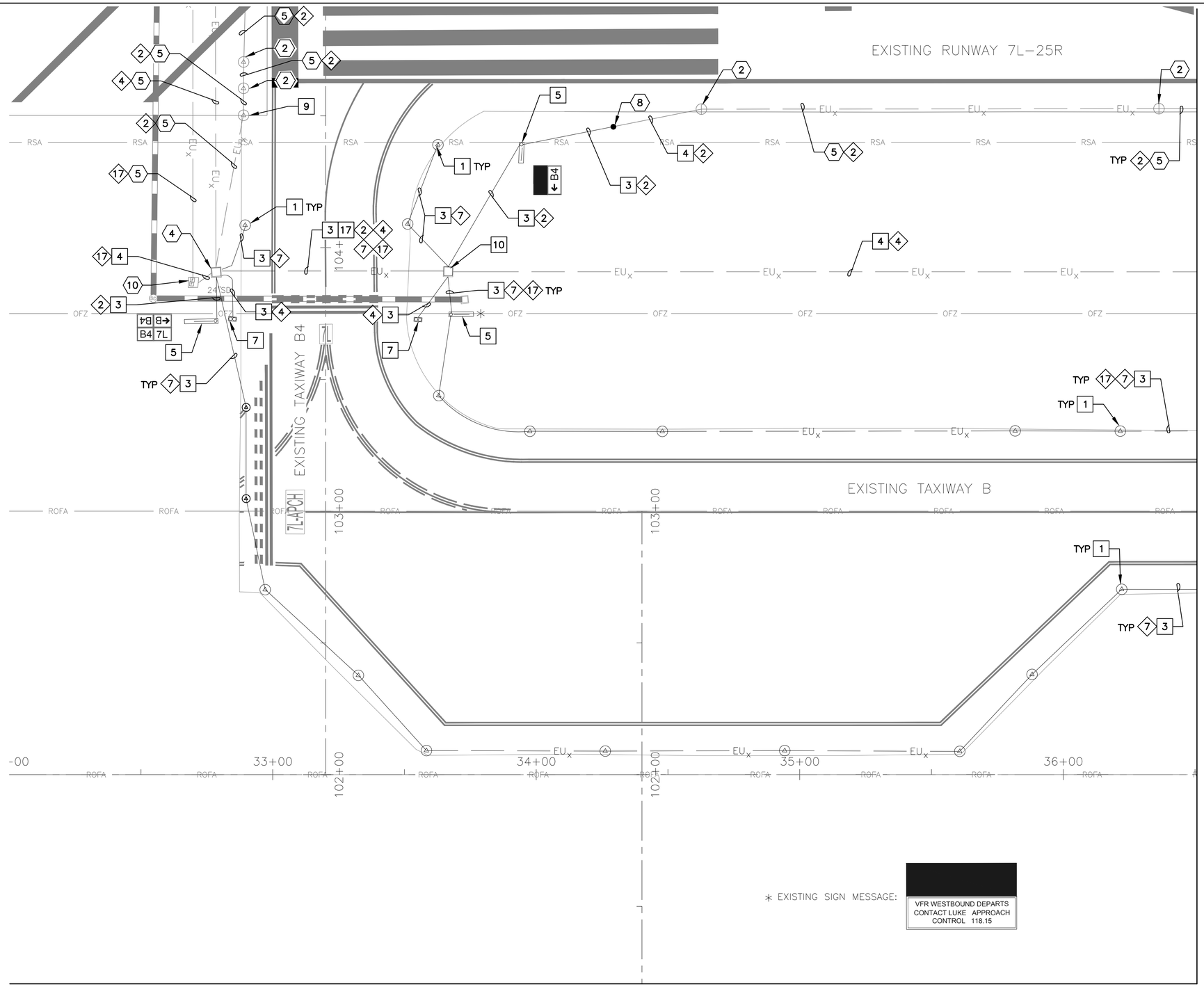
AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

ELECTRICAL NOTES

SHEET REFERENCE NUMBER:
EA-002

O:\PROJECTS\19000\19006_DVT_Relocate_Txy_B_&_Construct_High_Speed_Connectors\CAD\CAD_SHEETS\CAD_SHEETS_FOR_GMP4_19006_EA-002-GMP4.dwg — Feb 26,2026 - 12:53pm



DEMOLITION NOTES

1. REMOVE AND SALVAGE EXISTING TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER – REMOVE BASE CAN (18 TOTAL)
3. EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR (1,275 LF TOTAL)
4. REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (320 LF TOTAL)
5. REMOVE AND SALVAGE EXISTING AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER – REMOVE SIGN BASE (3 TOTAL)
7. REMOVE AND SALVAGE EXISTING RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER – REMOVE BASE CAN (2 TOTAL)
9. REMOVE AND SALVAGE EXISTING RUNWAY EDGE LIGHT AND ISOLATION TRANSFORMER – BASE CAN TO REMAIN, INSTALL BLANK COVER (TOTAL)
10. EXCAVATE AND REMOVE EXISTING HANDHOLE (1 TOTAL)
17. EXCAVATE AND REMOVE EXISTING ENCASED DUCTBANK (85 LF TOTAL)

REFERENCE NOTES

2. EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
4. EXISTING HANDHOLE OR JUNCTION CAN TO REMAIN – PROTECT IN PLACE
5. EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE
8. APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE
10. EXISTING REIL TO REMAIN – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

2. RW 7L/25R
4. RGL 7L
7. TAXIWAY B WEST
17. REIL 7L

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET

KEY MAP

"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2–28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX"

NO	REVISIONS / SUBMISSIONS	DATE

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PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

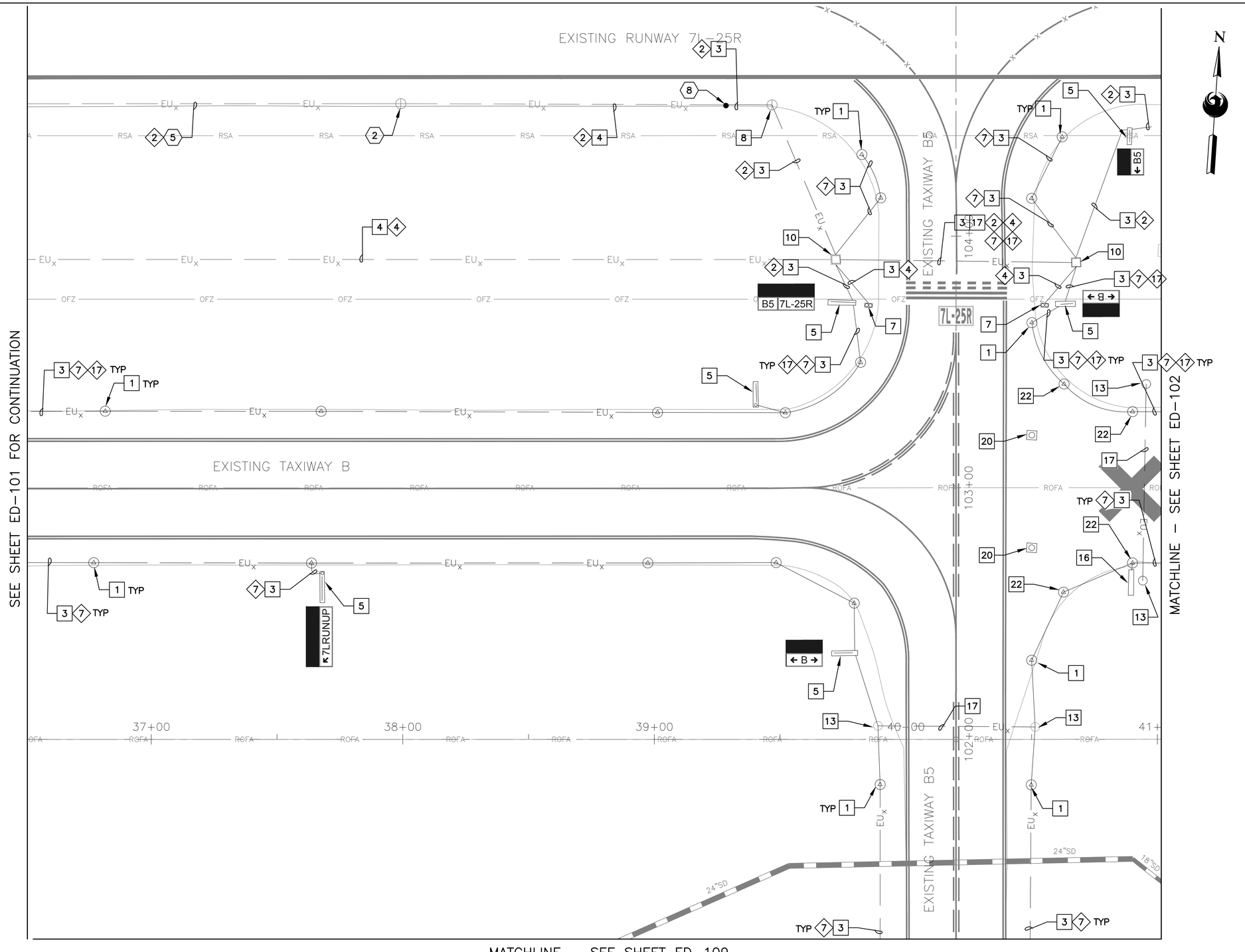
Designed by:	SW
Drawn by:	JBW
Checked by:	CA
Date:	02/25/2026
Dwg scale:	1" = 20'

AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE
AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER: ED-101
SHEET 106 OF 161

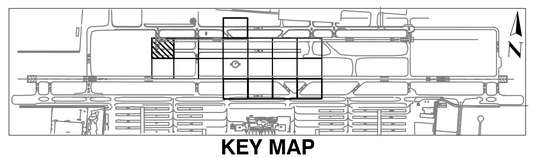
D:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 ED-101 – ED-110-GMP4.dwg – Feb 26,2026 12:56pm



GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

SCALE IN FEET: 0 20 40 60



KEY MAP

DEMOLITION NOTES

1. REMOVE AND SALVAGE EXISTING TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER – REMOVE BASE CAN (18 TOTAL)
3. EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR (1,620 LF TOTAL)
4. REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (450 LF TOTAL)
5. REMOVE AND SALVAGE EXISTING AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER – REMOVE SIGN BASE (5 TOTAL)
7. REMOVE AND SALVAGE EXISTING RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER – REMOVE BASE CAN (2 TOTAL)
8. REMOVE AND SALVAGE EXISTING RUNWAY EDGE LIGHT AND ISOLATION TRANSFORMER – REMOVE BASE CAN (1 TOTAL)
10. EXCAVATE AND REMOVE EXISTING HANDHOLE (2 TOTAL)
13. REMOVE EXISTING JUNCTION CAN/PULLBOX (4 TOTAL)
16. REMOVE EXISTING CONCRETE FOUNDATION (1 TOTAL)
17. EXCAVATE AND REMOVE EXISTING ENCASED DUCTBANK (235 LF TOTAL)
20. REMOVE AND SALVAGE EXISTING RETROREFLECTIVE TAXIWAY EDGE MARKER (2 TOTAL)
22. REMOVE AND SALVAGE EXISTING EXISTING LIGHT BASE CAN AND BLANK COVER PLATE (4 TOTAL)

REFERENCE NOTES

2. EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
5. EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE
8. APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE

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NO	REVISIONS / SUBMISSIONS	DATE

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DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
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B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
ED-102

SHEET 107 OF 161

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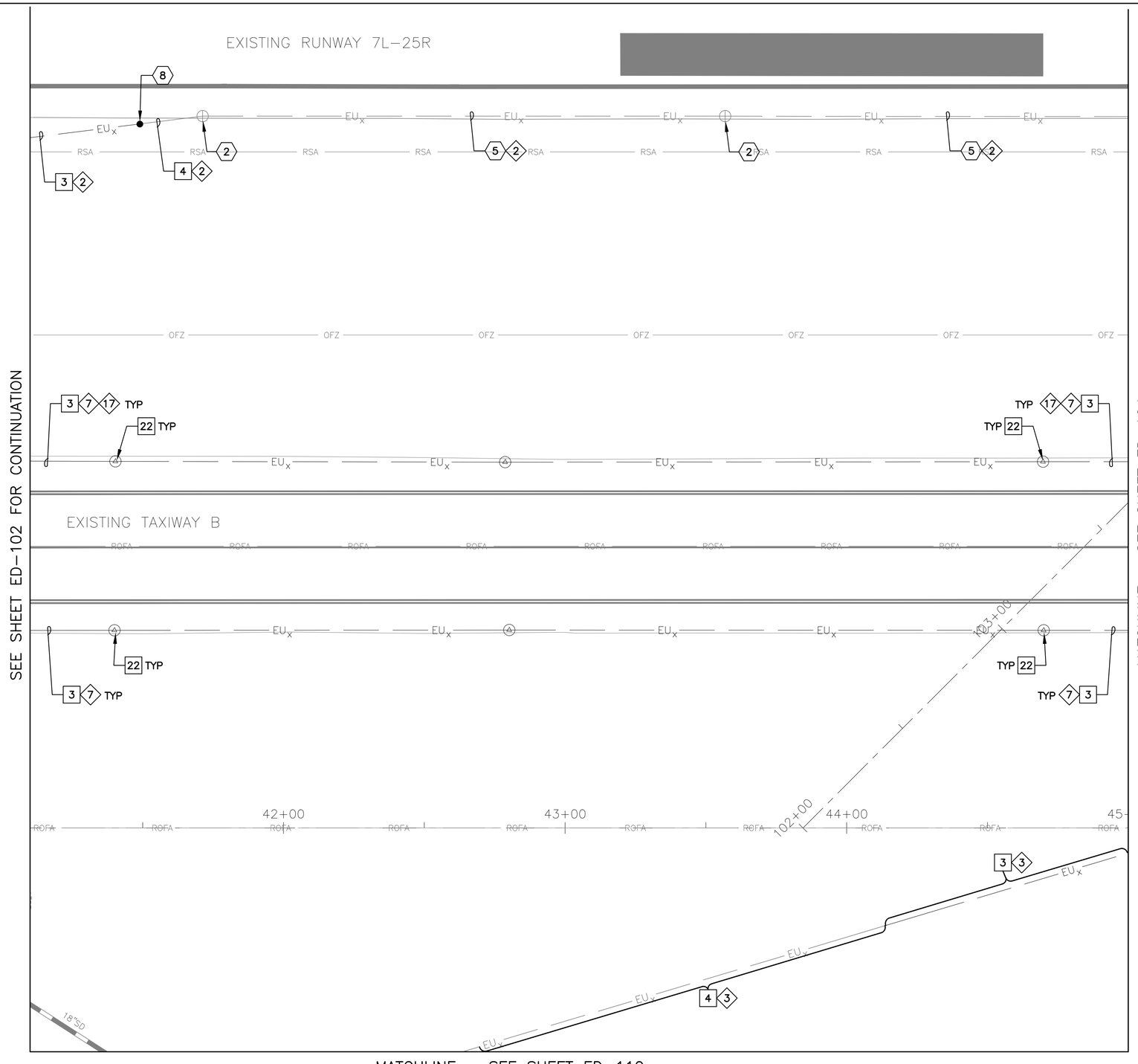
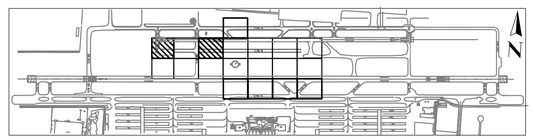


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET



KEY MAP

DEMOLITION NOTES

3 EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR (905 LF TOTAL)

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (185 LF TOTAL)

22 REMOVE AND SALVAGE EXISTING EXISTING LIGHT BASE CAN AND BLANK COVER PLATE (6 TOTAL)

REFERENCE NOTES

2 EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE

5 EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE

8 APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE

CIRCUIT IDENTIFICATION

2 RW 7L/25R

3 RGL 7R

7 TAXIWAY B WEST

17 REIL 7L

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS - GMP 4
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
ED-103

SHEET 108 OF 161

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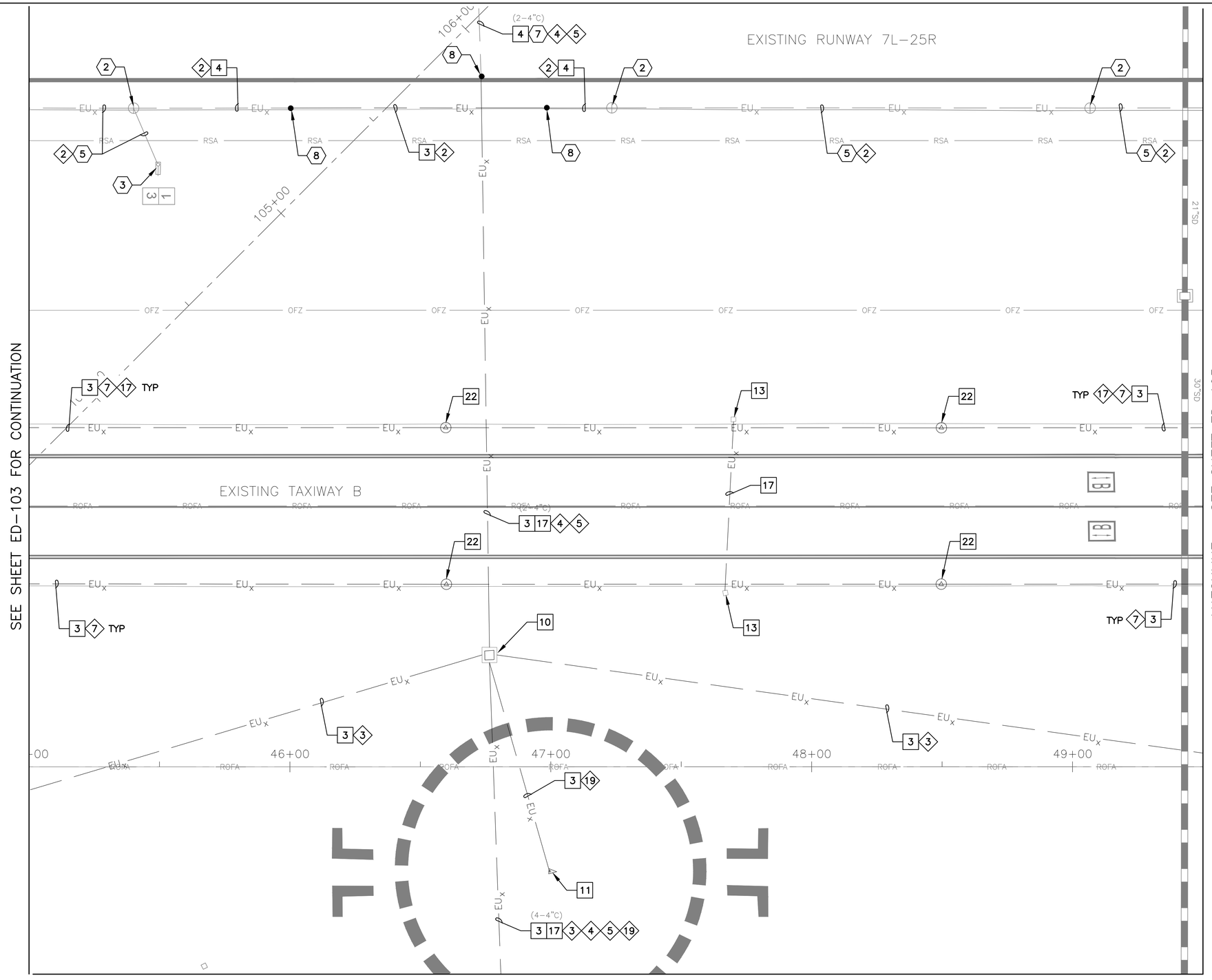
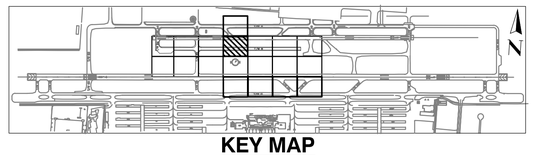


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT-TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

SCALE IN FEET: 0 20 40 60



KEY MAP

DEMOLITION NOTES

- 3 EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR (1,885 LF TOTAL)
- 4 REMOVE EXISTING CONDUCTOR - CONDUIT TO REMAIN (120 LF TOTAL)
- 10 EXCAVATE AND REMOVE EXISTING HANDHOLE (1 TOTAL)
- 11 REMOVE EXISTING WINDCONE AND CONCRETE FOUNDATION (1 TOTAL)
- 13 REMOVE EXISTING JUNCTION CAN/PULLBOX (2 TOTAL)
- 17 EXCAVATE AND REMOVE EXISTING ENCASED DUCTBANK (405 LF TOTAL)
- 22 REMOVE AND SALVAGE EXISTING EXISTING LIGHT BASE CAN AND BLANK COVER PLATE (4 TOTAL)

REFERENCE NOTES

- 2 EXISTING RUNWAY EDGE LIGHT TO REMAIN - PROTECT IN PLACE
- 3 EXISTING AIRFIELD GUIDANCE SIGN TO REMAIN - PROTECT IN PLACE
- 5 EXISTING CONDUIT AND CONDUCTOR TO REMAIN - PROTECT IN PLACE
- 7 EXISTING DUCTBANK - PROTECT IN PLACE
- 8 APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE

CIRCUIT IDENTIFICATION

- 2 RW 7L/25R
- 3 RGL 7R
- 4 RGL 7L
- 5 TAXIWAY A
- 7 TAXIWAY B WEST
- 17 REIL 7L
- 19 PRIMARY WINDCONE

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
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AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE
AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
ED-104

SHEET 109 OF 161

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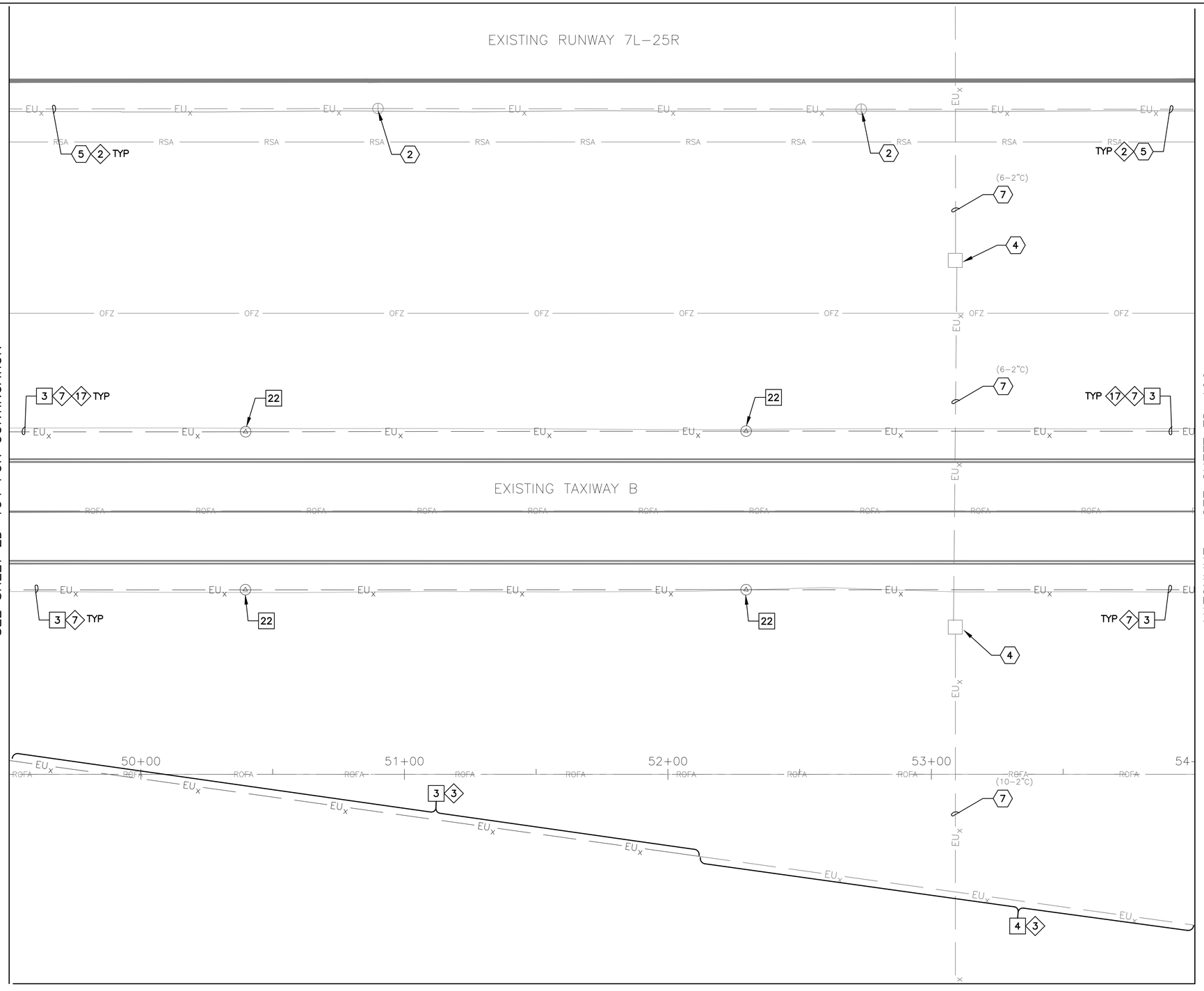
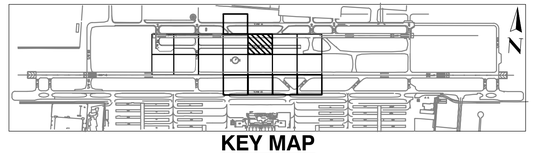


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET



KEY MAP

DEMOLITION NOTES

- 3 EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR (1,165 LF TOTAL)
- 4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (190 LF TOTAL)
- 22 REMOVE AND SALVAGE EXISTING EXISTING LIGHT BASE CAN AND BLANK COVER PLATE (4 TOTAL)

REFERENCE NOTES

- 2 EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
- 4 EXISTING HANDHOLE OR JUNCTION CAN TO REMAIN – PROTECT IN PLACE
- 5 EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE
- 7 EXISTING DUCTBANK TO REMAIN – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

- 2 RW 7L/25R
- 3 RGL 7R
- 7 TAXIWAY B WEST
- 17 REIL 7L

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NO	REVISIONS / SUBMISSIONS	DATE

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CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
ED-105

SHEET 110 OF 161

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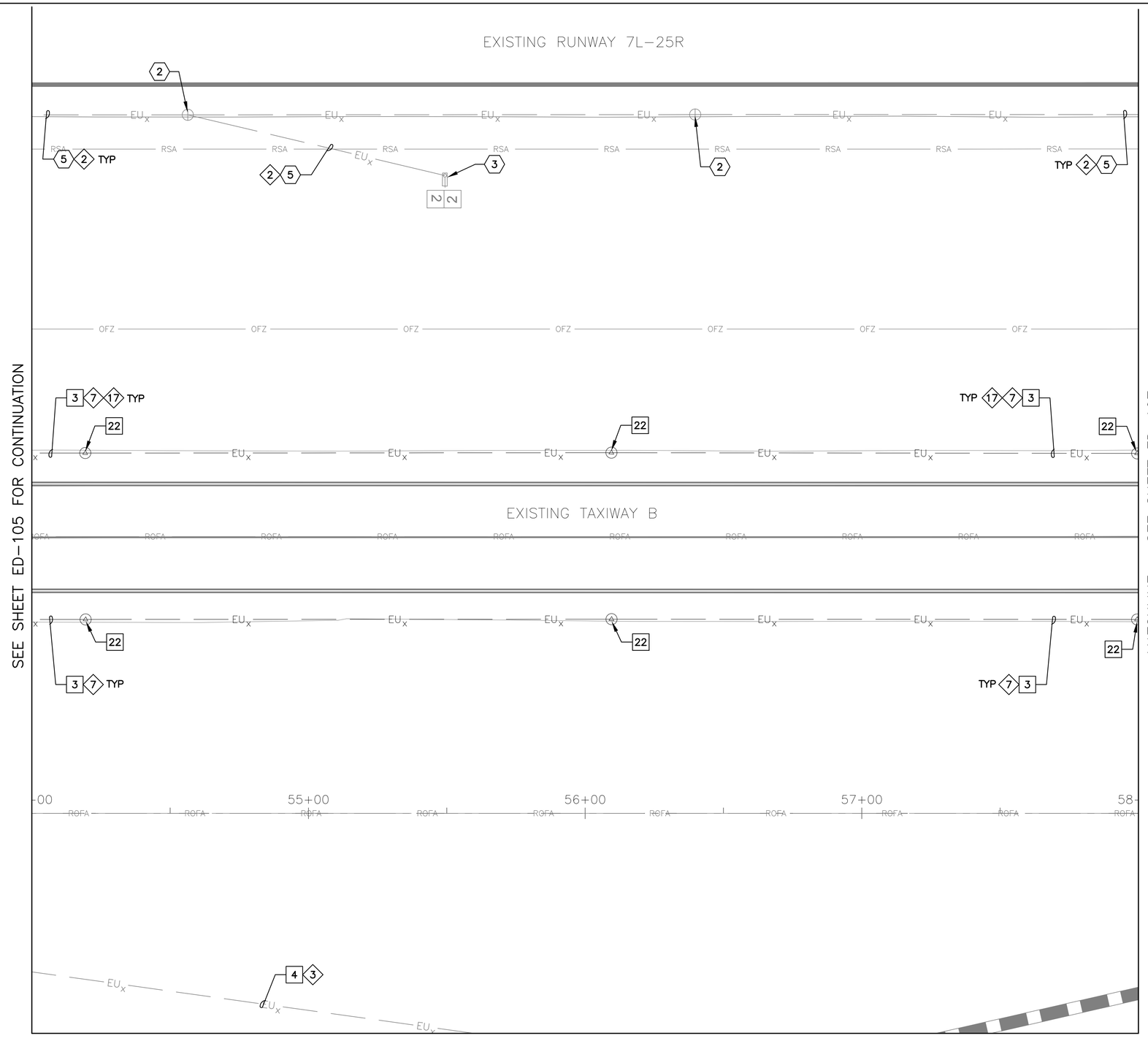
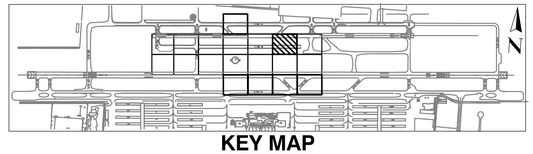


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

SCALE IN FEET: 0 20 40 60



KEY MAP

DEMOLITION NOTES

3 EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR (800 LF TOTAL)

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (160 LF TOTAL)

22 REMOVE AND SALVAGE EXISTING EXISTING LIGHT BASE CAN AND BLANK COVER PLATE (6 TOTAL)

REFERENCE NOTES

2 EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE

3 EXISTING AIRFIELD GUIDANCE SIGN TO REMAIN – PROTECT IN PLACE

5 EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

2 RW 7L/25R

3 RGL 7R

7 TAXIWAY B WEST

17 REIL 7L

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NO	REVISIONS / SUBMISSIONS	DATE

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CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER: ED-106

SHEET 111 OF 161

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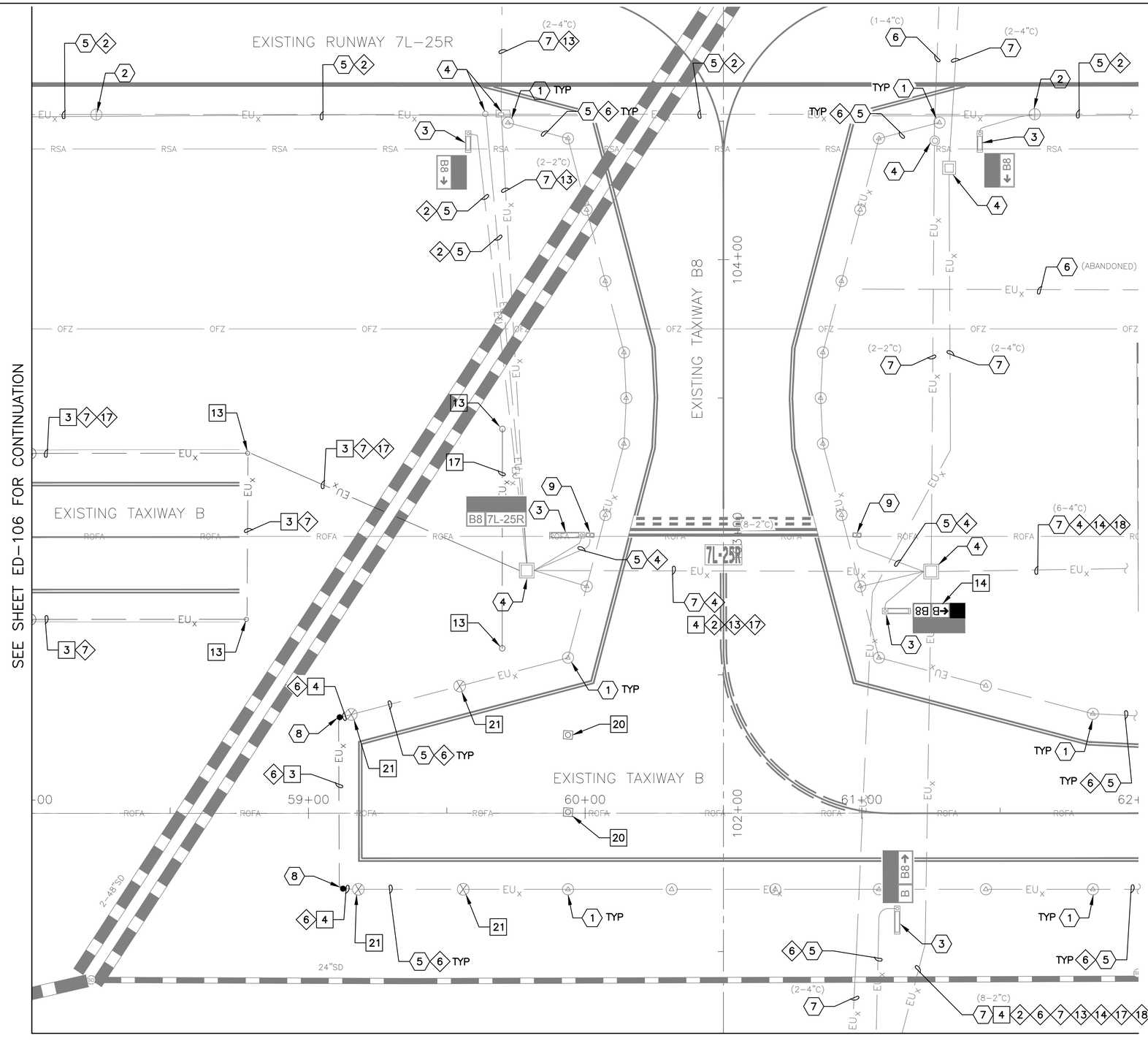
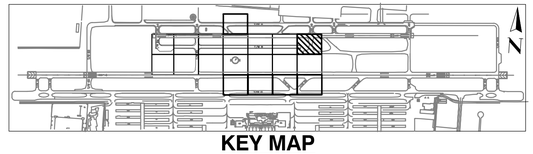


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

SCALE IN FEET: 0 20 40 60



KEY MAP

DEMOLITION NOTES

- 3 EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR (390 LF TOTAL)
- 4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (1,585 LF TOTAL)
- 13 REMOVE EXISTING JUNCTION CAN/PULLBOX (4 TOTAL)
- 14 CONTRACTOR TO REMOVE SIGN PANELS FROM EXISTING SIGN (3 TOTAL)
- 17 EXCAVATE AND REMOVE EXISTING ENCASED DUCTBANK (80 LF TOTAL)
- 20 REMOVE AND SALVAGE EXISTING RETROREFLECTIVE TAXIWAY EDGE MARKER (2 TOTAL)
- 21 REMOVE AND SALVAGE EXISTING BLANK COVER PLATE – EXISTING LIGHT BASE CAN TO REMAIN (4 TOTAL)

REFERENCE NOTES

1. EXISTING TAXIWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
2. EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
3. EXISTING AIRFIELD GUIDANCE SIGN TO REMAIN – PROTECT IN PLACE
4. EXISTING HANDHOLE OR JUNCTION CAN TO REMAIN – PROTECT IN PLACE
5. EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE
6. EXISTING CONDUIT TO REMAIN – PROTECT IN PLACE
7. EXISTING DUCTBANK – PROTECT IN PLACE
8. APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE
9. EXISTING ELEVATED RGL FIXTURE TO REMAIN – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

- 2 RW 7L/25R
- 4 RGL 7L
- 6 TAXIWAY B EAST
- 7 TAXIWAY B WEST
- 13 PAPI 7L
- 14 PAPI 25R
- 17 REIL 7L
- 18 REIL 25R

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SUB CONSULTANT: CRI engineers

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NO	REVISIONS / SUBMISSIONS	DATE

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CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
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AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER: ED-107

SHEET 112 OF 161

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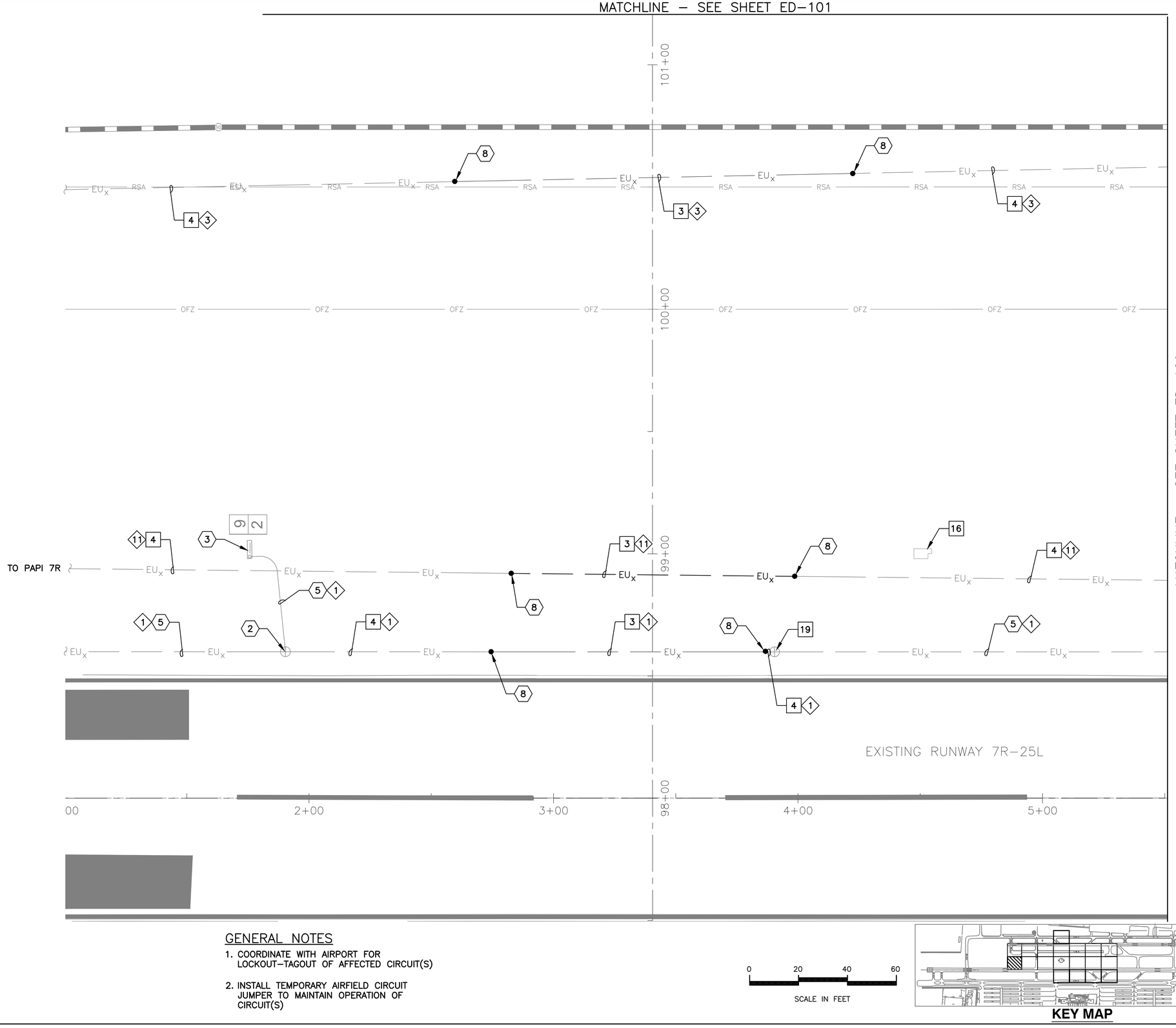

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

SCALE IN FEET: 0 20 40 60

KEY MAP

DEMOLITION NOTES

3 EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR (395 LF TOTAL)

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (1,725 LF TOTAL)

16 REMOVE EXISTING CONCRETE FOUNDATION (1 TOTAL)

19 REMOVE AND SALVAGE EXISTING RUNWAY EDGE LIGHT AND ISOLATION TRANSFORMER – BASE CAN TO REMAIN (1 TOTAL)

REFERENCE NOTES

2 EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE

3 EXISTING AIRFIELD GUIDANCE SIGN TO REMAIN – PROTECT IN PLACE

5 EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE

8 APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE

CIRCUIT IDENTIFICATION

1 RW 7R/25L

3 RGL 7R

11 PAPI 7R

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NO	REVISIONS / SUBMISSIONS	DATE

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RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
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AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE
AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
ED-108

SHEET 113 OF 161

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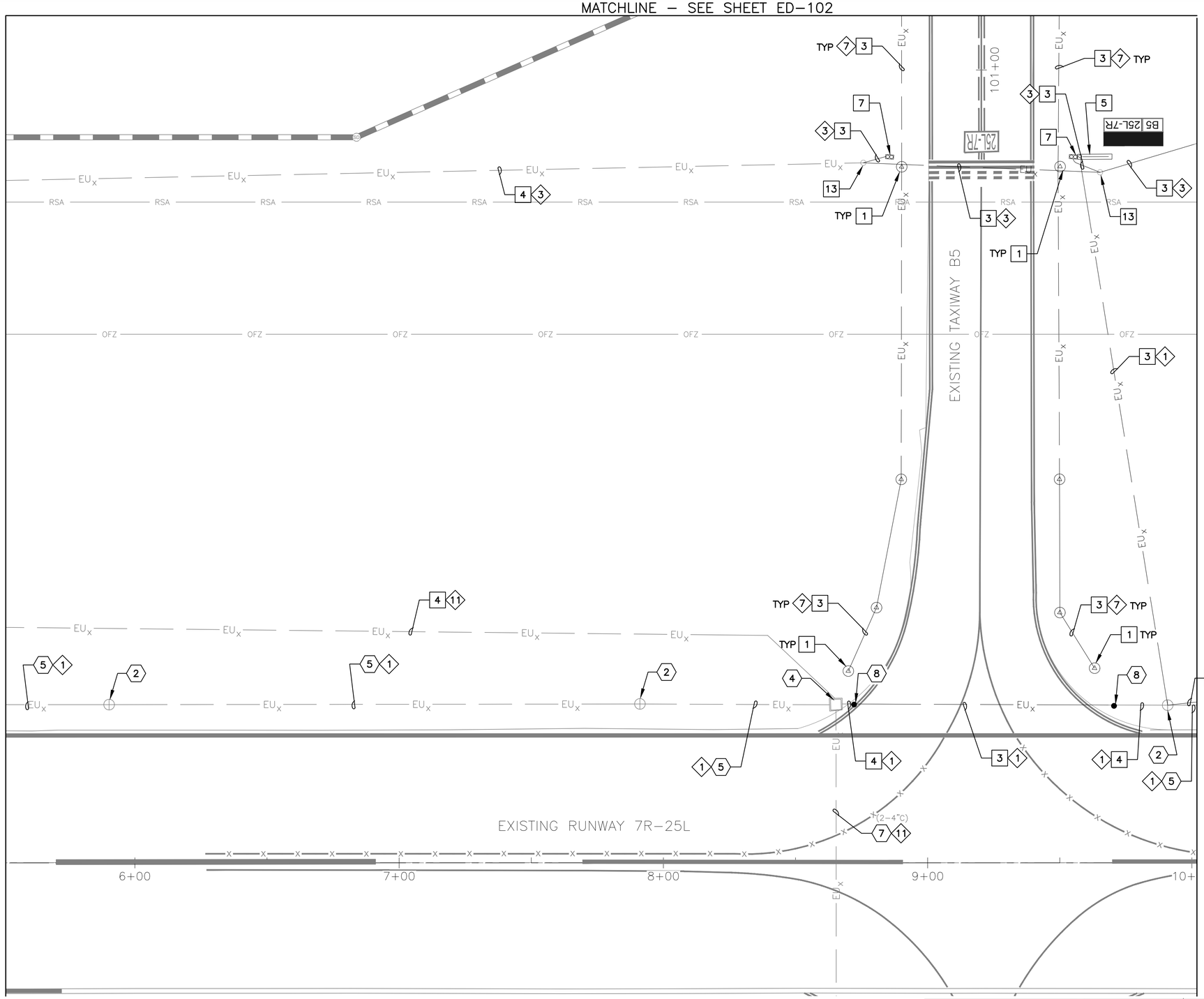
MATCHLINE – SEE SHEET ED-102

SEE SHEET ED-108 FOR CONTINUATION

MATCHLINE – SEE SHEET ED-110

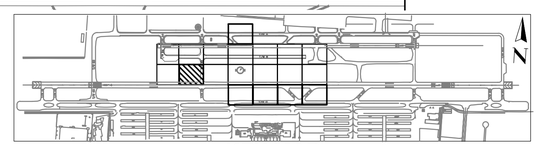


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET



KEY MAP

DEMOLITION NOTES

1. REMOVE AND SALVAGE EXISTING TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER – REMOVE BASE CAN (8 TOTAL)
3. EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR (975 LF TOTAL)
4. REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (635 LF TOTAL)
5. REMOVE AND SALVAGE EXISTING AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER – REMOVE SIGN BASE (1 TOTAL)
7. REMOVE AND SALVAGE EXISTING RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER – REMOVE BASE CAN (2 TOTAL)
13. REMOVE EXISTING JUNCTION CAN/PULLBOX (2 TOTAL)

REFERENCE NOTES

2. EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
4. EXISTING HANDHOLE OR JUNCTION CAN TO REMAIN – PROTECT IN PLACE
5. EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE
7. EXISTING DUCTBANK – PROTECT IN PLACE
8. APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE

CIRCUIT IDENTIFICATION

1. RW 7R/25L
3. RGL 7R
7. TAXIWAY B WEST
11. PAPI 7R

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

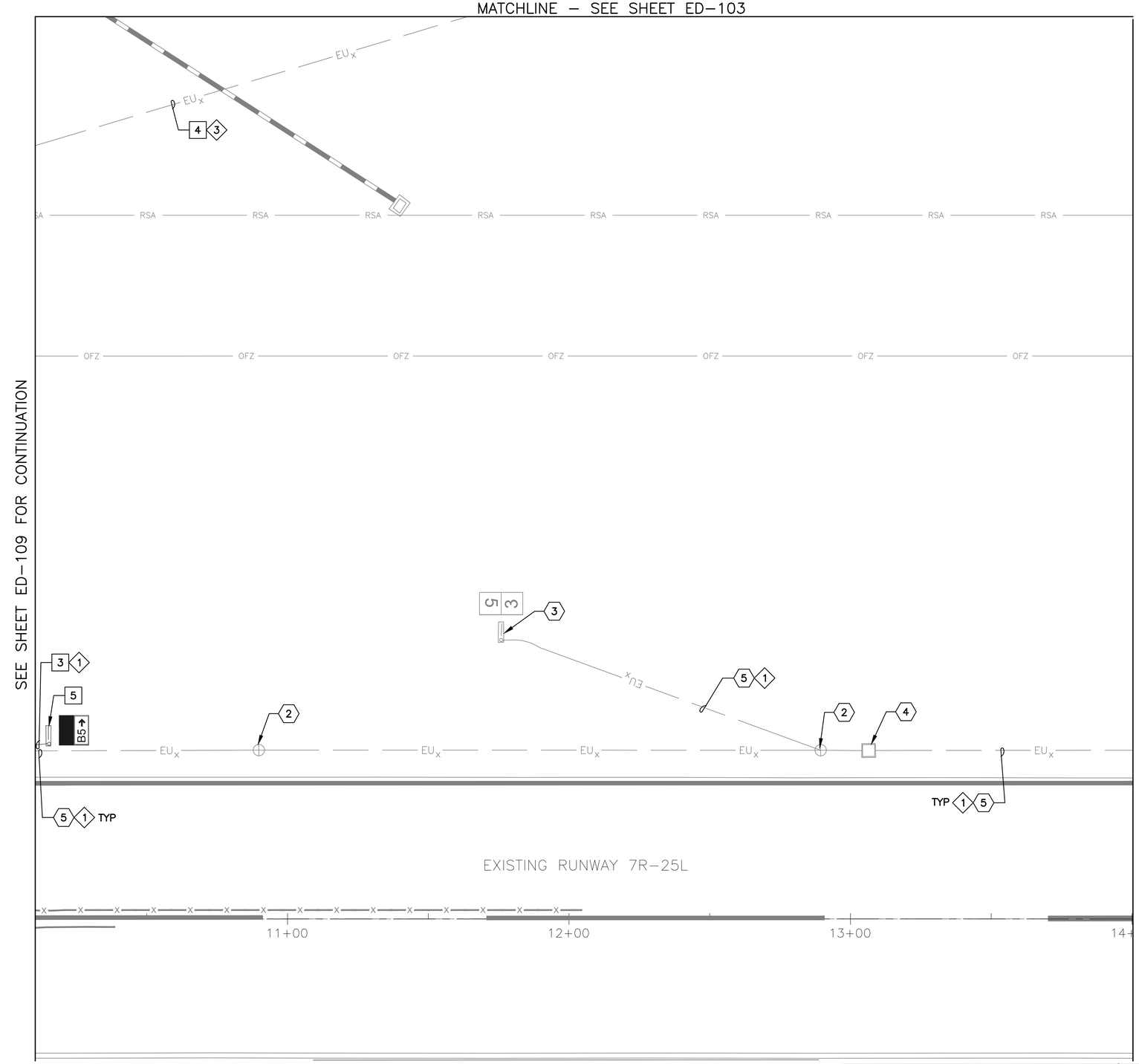
Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
ED-109

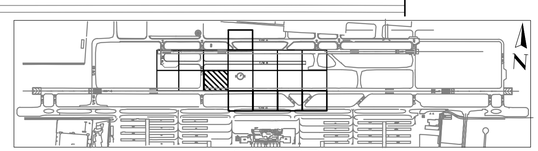


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET



KEY MAP

DEMOLITION NOTES

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (165 LF TOTAL)

5 REMOVE AND SALVAGE EXISTING AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER – REMOVE SIGN BASE (1 TOTAL)

REFERENCE NOTES

2 EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE

3 EXISTING AIRFIELD GUIDANCE SIGN TO REMAIN – PROTECT IN PLACE

4 EXISTING HANDHOLE OR JUNCTION CAN TO REMAIN – PROTECT IN PLACE

5 EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

1 RW 7R/25L

3 RGL 7R

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYR

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

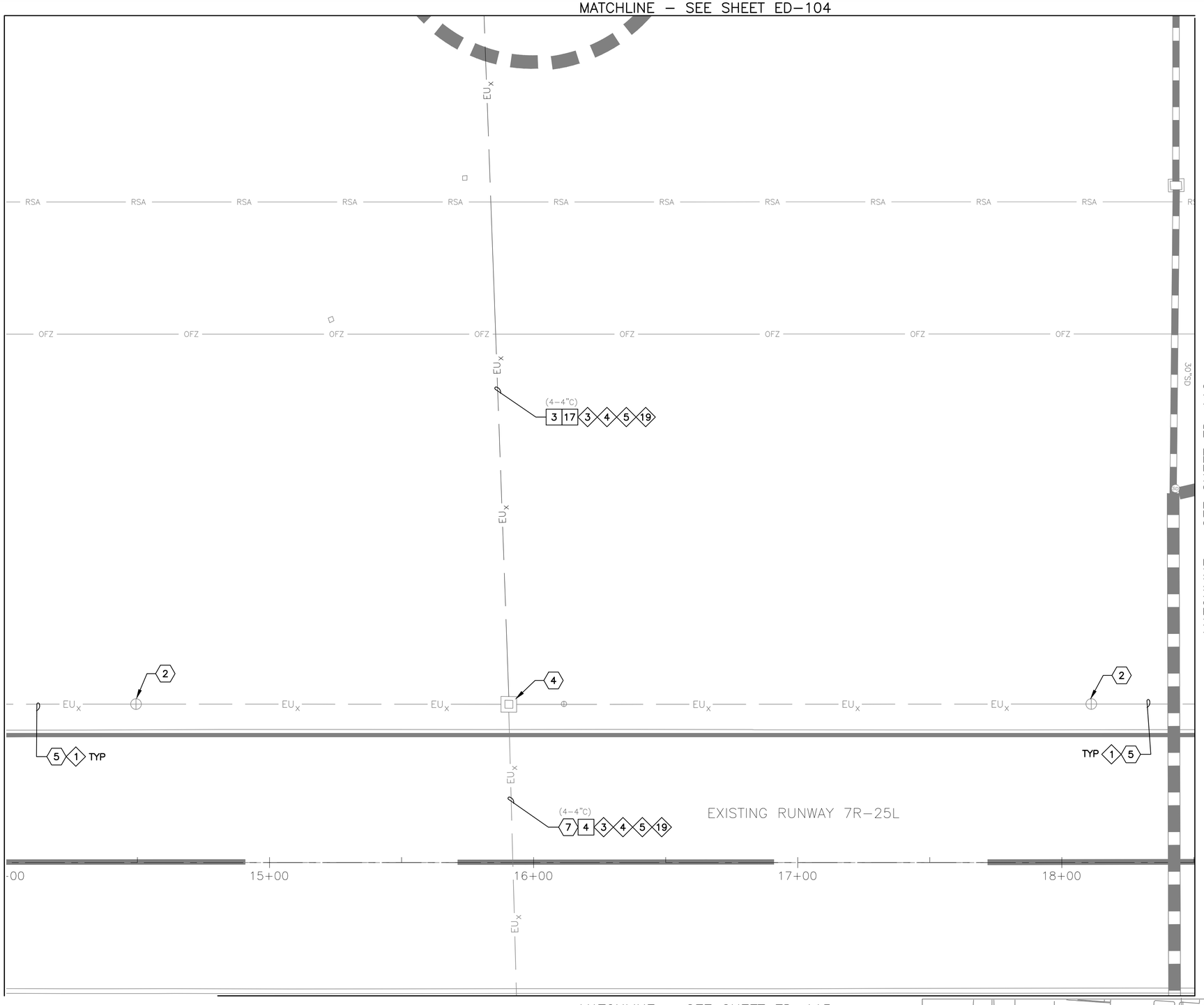
SHEET REFERENCE NUMBER:
ED-110

SHEET 115 OF 161

Q:\PROJECTS\19000\19006_DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 ED-101 – ED-110-GMP4.dwg – Feb 26,2026 1:01pm

O:\PROJECTS\19000\19006 PVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 ED-101 - ED-110-GMP4.dwg - Feb 26,2026 1:02pm

MATCHLINE – SEE SHEET ED–104



SEE SHEET ED–110 FOR CONTINUATION

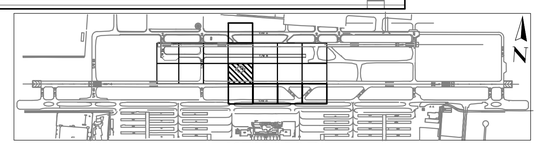
MATCHLINE – SEE SHEET ED–112

MATCHLINE – SEE SHEET ED–115

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET



KEY MAP

DEMOLITION NOTES

3 EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR (260 LF TOTAL)

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (440 LF TOTAL)

17 EXCAVATE AND REMOVE EXISTING ENCASED DUCTBANK (260 LF TOTAL)

REFERENCE NOTES

2 EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE

4 EXISTING HANDHOLE OR JUNCTION CAN TO REMAIN – PROTECT IN PLACE

5 EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE

7 EXISTING DUCTBANK – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

1 RW 7R/25L

3 RGL 7R

4 RGL 7L

5 TAXIWAY A

19 PRIMARY WINDCONE

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NO	REVISIONS / SUBMISSIONS	DATE

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DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
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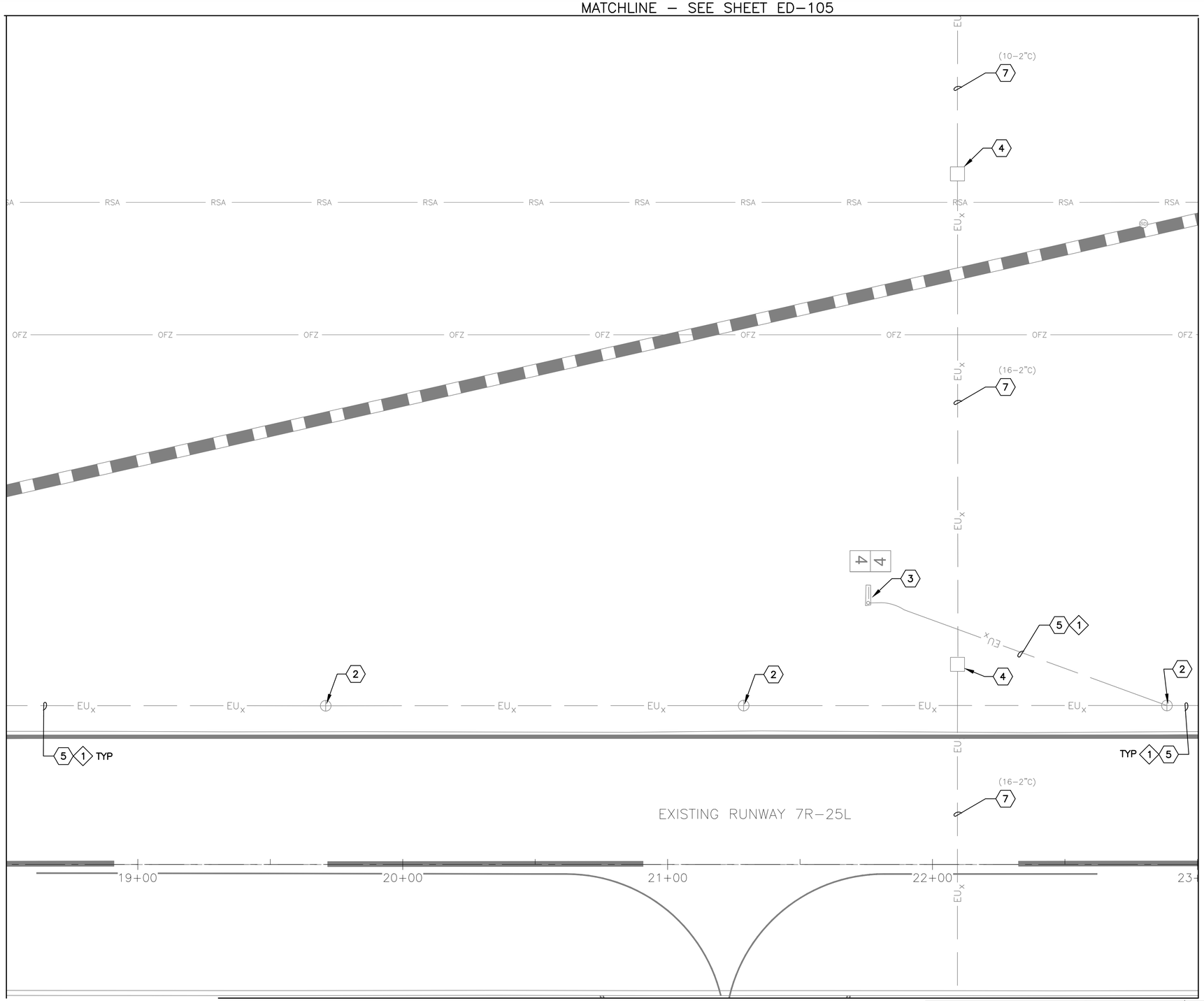
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
ED-111



NO ELECTRICAL DEMOLITION WORK SHOWN ON THIS SHEET – PROVIDED FOR REFERENCE ONLY

REFERENCE NOTES

2. EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
3. EXISTING AIRFIELD GUIDANCE SIGN TO REMAIN – PROTECT IN PLACE
5. EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE
7. EXISTING DUCTBANK TO REMAIN – PROTECT IN PLACE

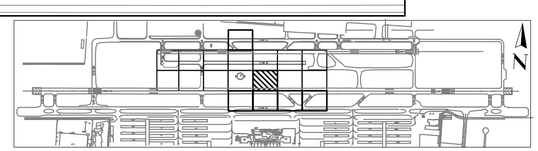
CIRCUIT IDENTIFICATION

1. RW 7R/25L

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET



KEY MAP

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SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

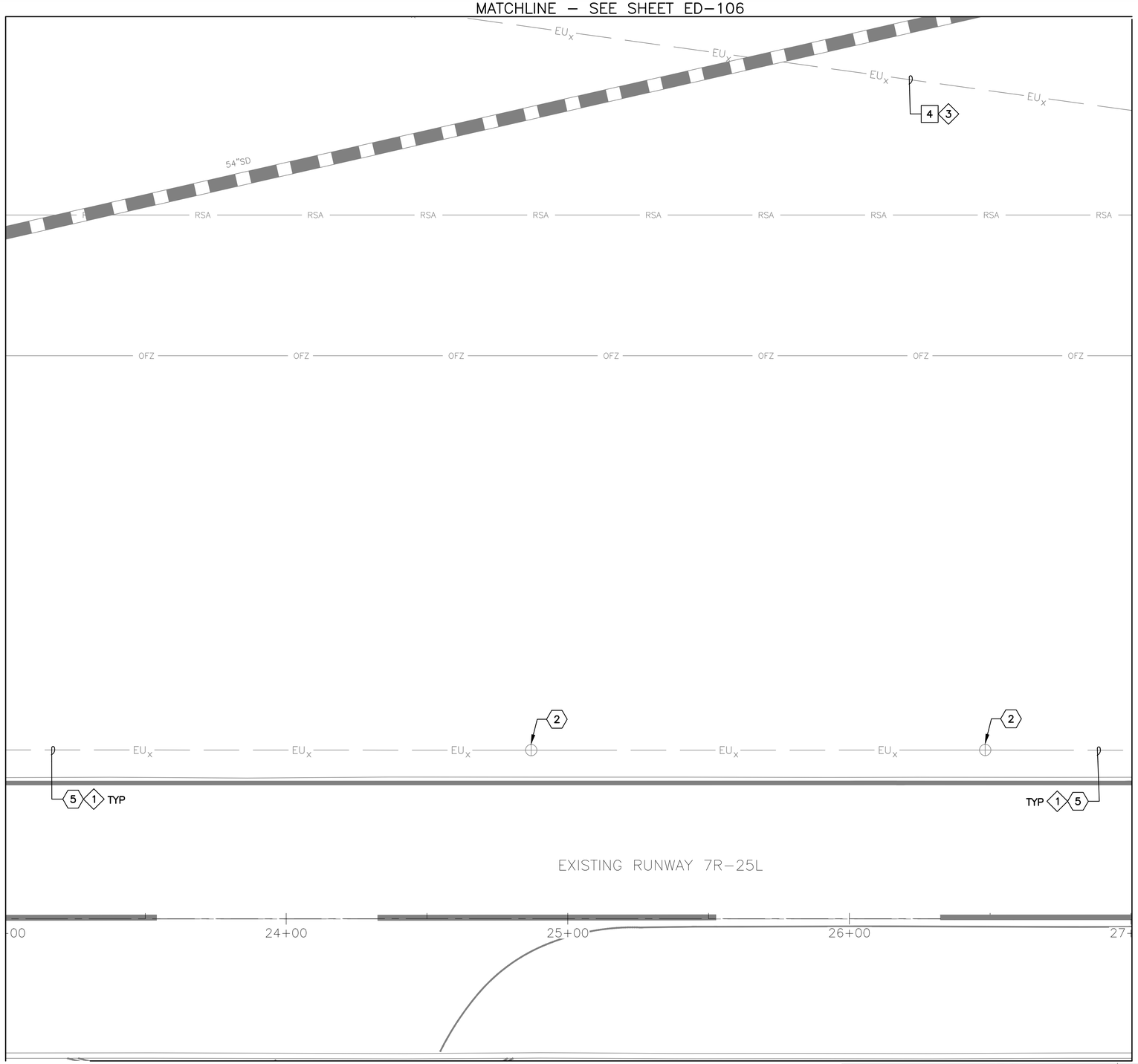
SHEET REFERENCE NUMBER:
ED-112

SHEET 117 OF 161

O:\PROJECTS\19000\19006 DVT Relocate Twy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 ED–101 – ED–110–GMP4.dwg – Feb 26,2026 1:02pm

Q:\PROJECTS\19000\19006 PVT Relocate Twy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 ED-101 - ED-110-GMP4.dwg - Feb 26,2026 1:03pm

MATCHLINE – SEE SHEET ED-106



SEE SHEET ED-112 FOR CONTINUATION

MATCHLINE – SEE SHEET ED-114

MATCHLINE – SEE SHEET ED-117

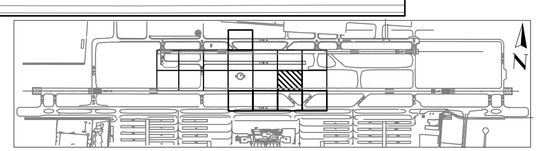
N

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET



KEY MAP

DEMOLITION NOTES

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (245 LF TOTAL)

REFERENCE NOTES

2 EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE

5 EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

1 RW 7R/25L

3 RGL 7R

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CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

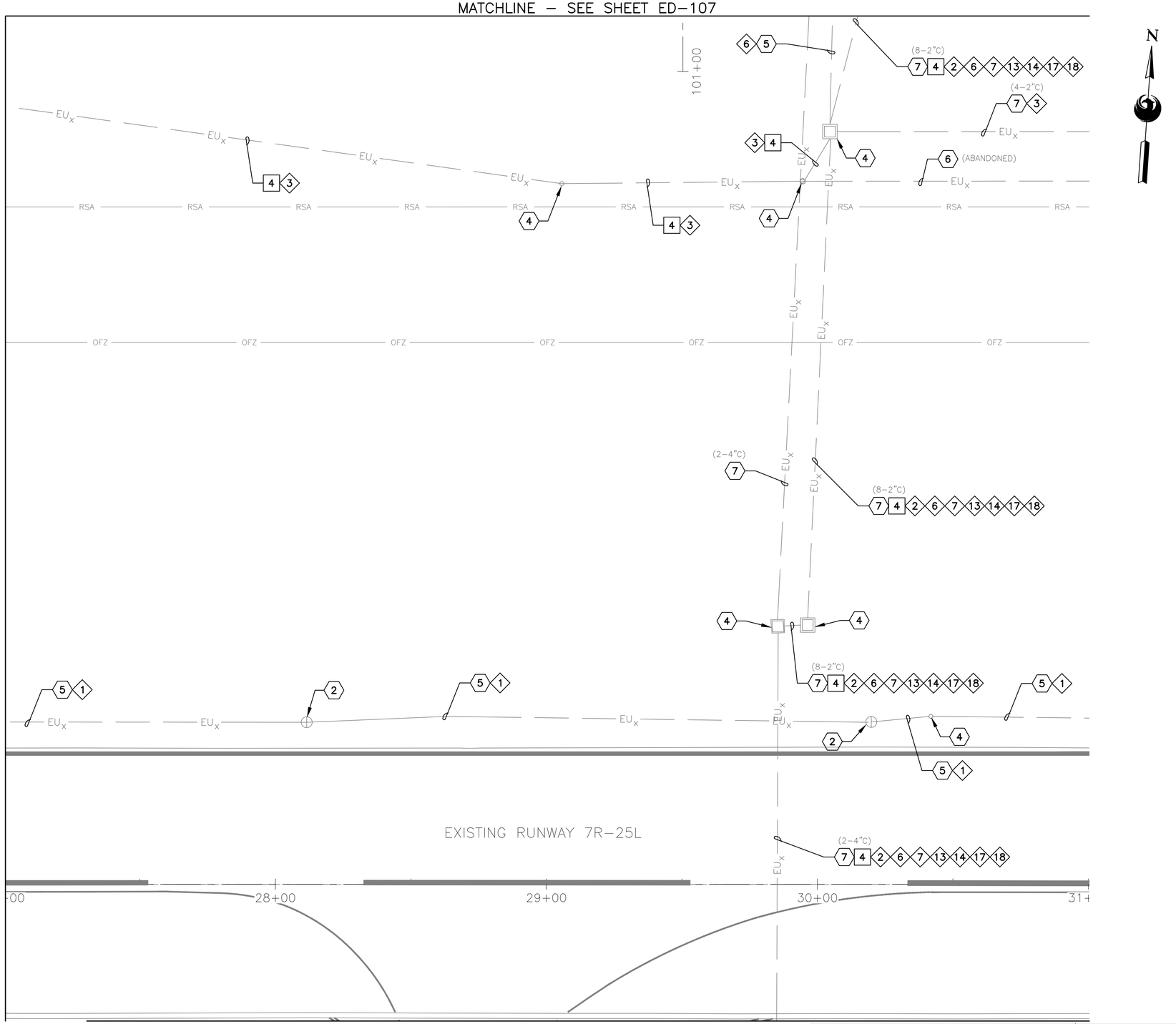
Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.:
3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

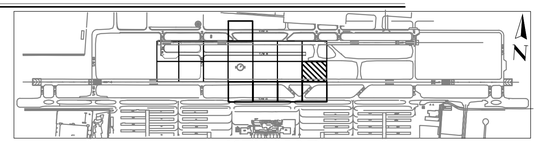
SHEET REFERENCE NUMBER:
ED-113



GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET



KEY MAP

DEMOLITION NOTES

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (1,930 LF TOTAL)

REFERENCE NOTES

2 EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE

4 EXISTING HANDHOLE OR JUNCTION CAN TO REMAIN – PROTECT IN PLACE

5 EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE

7 EXISTING DUCTBANK – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

1 RW 7R/25L
2 RW 7L/25R
3 RGL 7R
6 TAXIWAY B EAST
7 TAXIWAY B WEST
13 PAPI 7L
14 PAPI 25R
17 REIL 7L
18 REIL 25R

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NO	REVISIONS / SUBMISSIONS	DATE

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RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

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SHEET OVERVIEW TITLE
AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
ED-114

SHEET 119 OF 161

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MATCHLINE – SEE SHEET ED–111

MATCHLINE – SEE SHEET ED–116

EXISTING TAXIWAY C

EXISTING TAXIWAY D6

EXISTING TAXIWAY D

TYP

(4–4"C) 7 1 4 3 4 5 19

(4–2"C) 7 9 10 11 15

(16–2"C) 7 1 8 9 11 15 4 3 4 5 19

NOTE

ON THIS SHEET, LIGHTS, SIGNAGE, PAPI, RGLs, HANDHOLES, CONDUIT/CONDUCTOR, ETC... NOT ASSOCIATED WITH TAXIWAY B GMP4 PROJECT ARE MINIMALLY NOTED.

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET

KEY MAP

DEMOLITION NOTES

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (2,440 LF TOTAL)

REFERENCE NOTES

1. EXISTING TAXIWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
2. EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
4. EXISTING HANDHOLE OR JUNCTION CAN TO REMAIN – PROTECT IN PLACE
5. EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE
7. EXISTING DUCTBANK – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

1. RW 7R/25L
3. RGL 7R
4. RGL 7L
5. TAXIWAY A
8. TAXIWAY C EAST
9. TAXIWAY C WEST
10. TAXIWAY D
11. PAPI 7R
15. REIL 7R
19. PRIMARY WINDCONE

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NO	REVISIONS / SUBMISSIONS	DATE

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CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS - GMP 4
B6 AND B9 - GMP
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER: ED-115

SHEET 120 OF 161

MATCHLINE – SEE SHEET ED–112

SEE SHEET ED–115 FOR CONTINUATION

MATCHLINE – SEE SHEET ED–117

EXISTING TAXIWAY C7

EXISTING TAXIWAY C

EXISTING TAXIWAY D

NOTE
ON THIS SHEET, LIGHTS, SIGNAGE, PAPI, RGLs, HANDHOLES, CONDUIT/CONDUCTOR, ETC... NOT ASSOCIATED WITH TAXIWAY B GMP4 PROJECT ARE MINIMALLY NOTED.

C7 7R - 25L

7R-25L

7R-25L

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET

KEY MAP

DEMOLITION NOTES

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (1,820 LF TOTAL)

REFERENCE NOTES

1. EXISTING TAXIWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
2. EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
4. EXISTING HANDHOLE OR JUNCTION CAN TO REMAIN – PROTECT IN PLACE
5. EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE
7. EXISTING DUCTBANK – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

1. RW 7R/25L
3. RGL 7R
4. RGL 7L
5. TAXIWAY A
8. TAXIWAY C EAST
9. TAXIWAY C WEST
10. TAXIWAY D
11. PAPI 7R
15. REIL 7R
19. PRIMARY WINDCONE

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BY
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Dwg scale:	1" = 20'

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
ED-116

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\19006_ED-101 – ED-110-GMP4.dwg – Feb 26,2026 1:05pm

MATCHLINE – SEE SHEET ED–113

SEE SHEET ED–116 FOR CONTINUATION

MATCHLINE – SEE SHEET ED–118

NOTE
ON THIS SHEET, LIGHTS, SIGNAGE, PAPI, RGLs, HANDHOLES, CONDUIT/CONDUCTOR, ETC... NOT ASSOCIATED WITH TAXIWAY B GMP4 PROJECT ARE MINIMALLY NOTED.

EXISTING TAXIWAY C8

EXISTING TAXIWAY C

EXISTING TAXIWAY D8

EXISTING TAXIWAY D

7R-25L

TYP (1)

(16–2"C) (7)

(12–2"C) (7 10 12 16 / 4 2 6 7 13 14 17 18)

(24–2"C) (7 1 THROUGH 6 AND 8 THROUGH 19 / 4 7)

(16–2"C) (15 11 9 8 1 7 / 19 5 4 3 4)

(12–2"C) (7 12 16 / 4 2 6 7 13 14 17 18)

TO EXISTING AIRFIELD LIGHTING VAULT

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET

KEY MAP

DEMOLITION NOTES

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (3,090 LF TOTAL)

REFERENCE NOTES

1. EXISTING TAXIWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
2. EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
3. EXISTING AIRFIELD GUIDANCE SIGN TO REMAIN – PROTECT IN PLACE
4. EXISTING HANDHOLE OR JUNCTION CAN TO REMAIN – PROTECT IN PLACE
5. EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE
7. EXISTING DUCTBANK – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

1. RW 7R/25L
2. RW 7L/25R
3. RGL 7R
4. RGL 7L
5. TAXIWAY A
6. TAXIWAY B EAST
7. TAXIWAY B WEST
8. TAXIWAY C EAST
9. TAXIWAY C WEST
10. TAXIWAY D
11. PAPI 7R
12. PAPI 25L
13. PAPI 7L
14. PAPI 25R
15. REIL 7R
16. REIL 25L
17. REIL 7L
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NO	REVISIONS / SUBMISSIONS	DATE

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CITY OF PHOENIX AVIATION DEPARTMENT

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AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE
AIRFIELD ELECTRICAL DEMOLITION PLAN

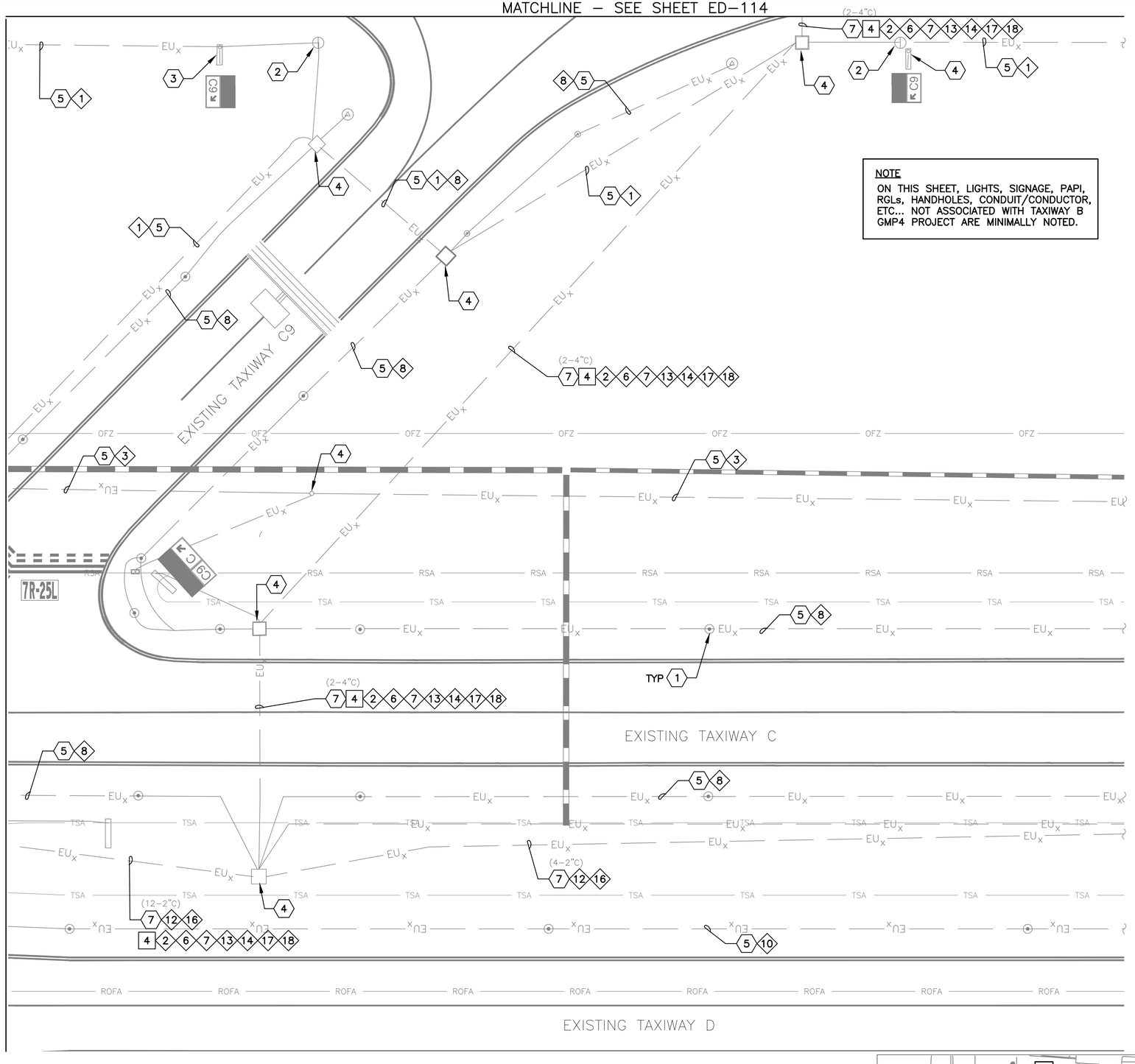
SHEET REFERENCE NUMBER:
ED-117

SHEET 122 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\19006_ED-101 – ED-110-GMP4.dwg – Feb 26,2026 1:05pm

MATCHLINE – SEE SHEET ED–114

SEE SHEET ED–117 FOR CONTINUATION



NOTE

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DEMOLITION NOTES

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (1,475 LF TOTAL)

REFERENCE NOTES

1. EXISTING TAXIWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
2. EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
3. EXISTING AIRFIELD GUIDANCE SIGN TO REMAIN – PROTECT IN PLACE
4. EXISTING HANDHOLE OR JUNCTION CAN TO REMAIN – PROTECT IN PLACE
5. EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE
7. EXISTING DUCTBANK – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

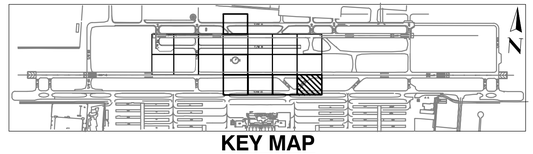
2. RW 7L/25R
3. RGL 7R
6. TAXIWAY B EAST
7. TAXIWAY B WEST
8. TAXIWAY C EAST
10. TAXIWAY D
12. PAPI 25L
13. PAPI 7L
14. PAPI 25R
16. REIL 25L
17. REIL 7L
18. REIL 25R

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET



KEY MAP

PRIME CONSULTANT
TRACE CONSULTING
1201 E. Jefferson St. | Suite 3 | Phoenix, AZ 85034

SUB CONSULTANT
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16719 East Palisades Blvd., Suite 202
Fountain Hills, AZ 85268
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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3-04-0028-XXX-TBD

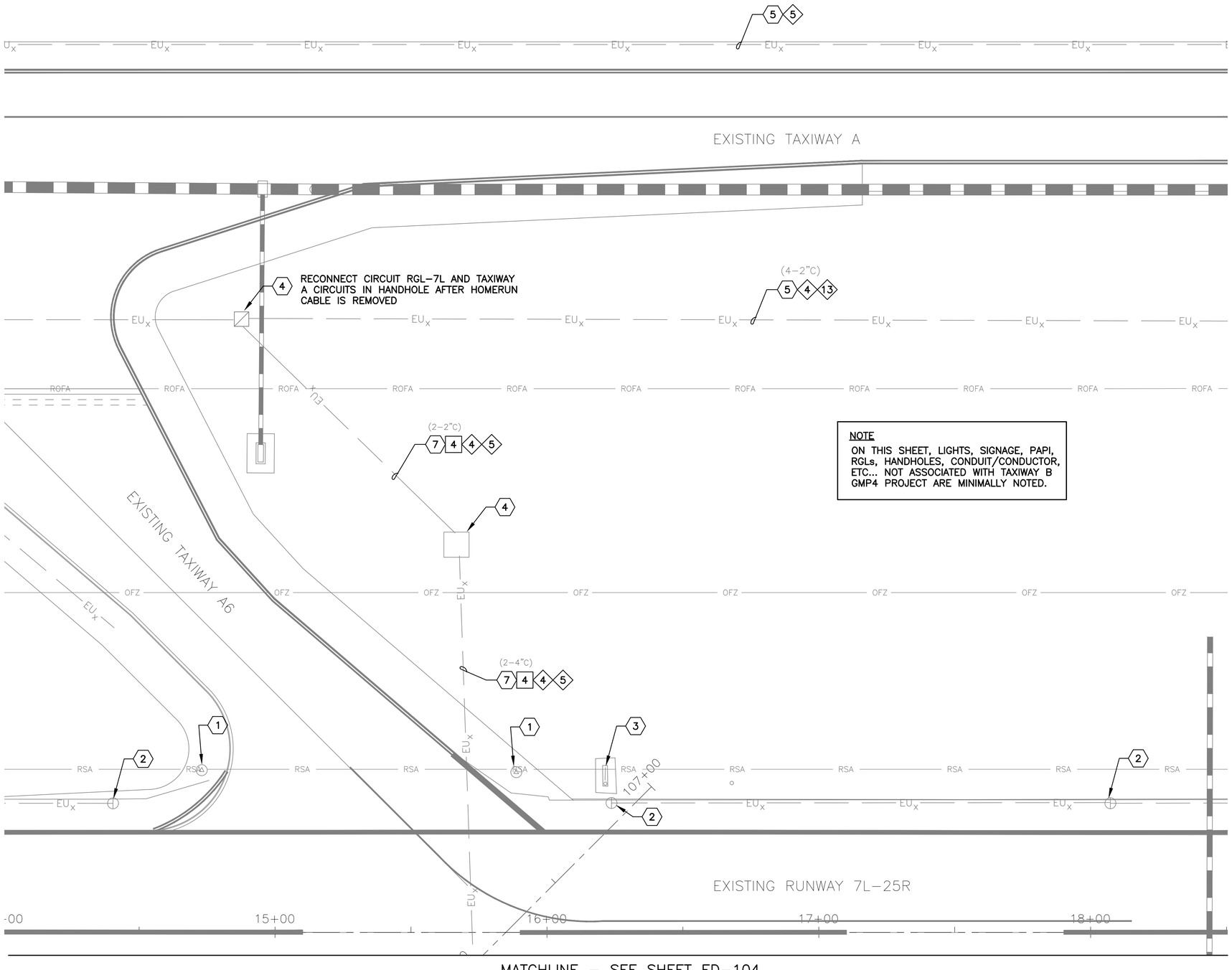
SHEET OVERVIEW TITLE

AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER: ED-118

SHEET 123 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 ED-101 – ED-110-GMP4.dwg – Feb 26,2026 1:06pm



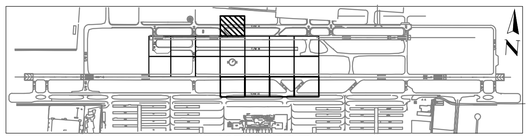
NOTE
ON THIS SHEET, LIGHTS, SIGNAGE, PAPI, RGLs, HANDHOLES, CONDUIT/CONDUCTOR, ETC... NOT ASSOCIATED WITH TAXIWAY B GMP4 PROJECT ARE MINIMALLY NOTED.

MATCHLINE – SEE SHEET ED–104

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET



KEY MAP

DEMOLITION NOTES

4 REMOVE EXISTING CONDUCTOR – CONDUIT TO REMAIN (530 LF TOTAL)

REFERENCE NOTES

1. EXISTING TAXIWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
2. EXISTING RUNWAY EDGE LIGHT TO REMAIN – PROTECT IN PLACE
3. EXISTING AIRFIELD GUIDANCE SIGN TO REMAIN – PROTECT IN PLACE
4. EXISTING HANDHOLE OR JUCTION CAN TO REMAIN – PROTECT IN PLACE
5. EXISTING CONDUIT AND CONDUCTOR TO REMAIN – PROTECT IN PLACE
7. EXISTING DUCTBANK – PROTECT IN PLACE

CIRCUIT IDENTIFICATION

4 RGL 7L
5 TAXIWAY A
13 PAPI 7L

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

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AV31000092 FAA

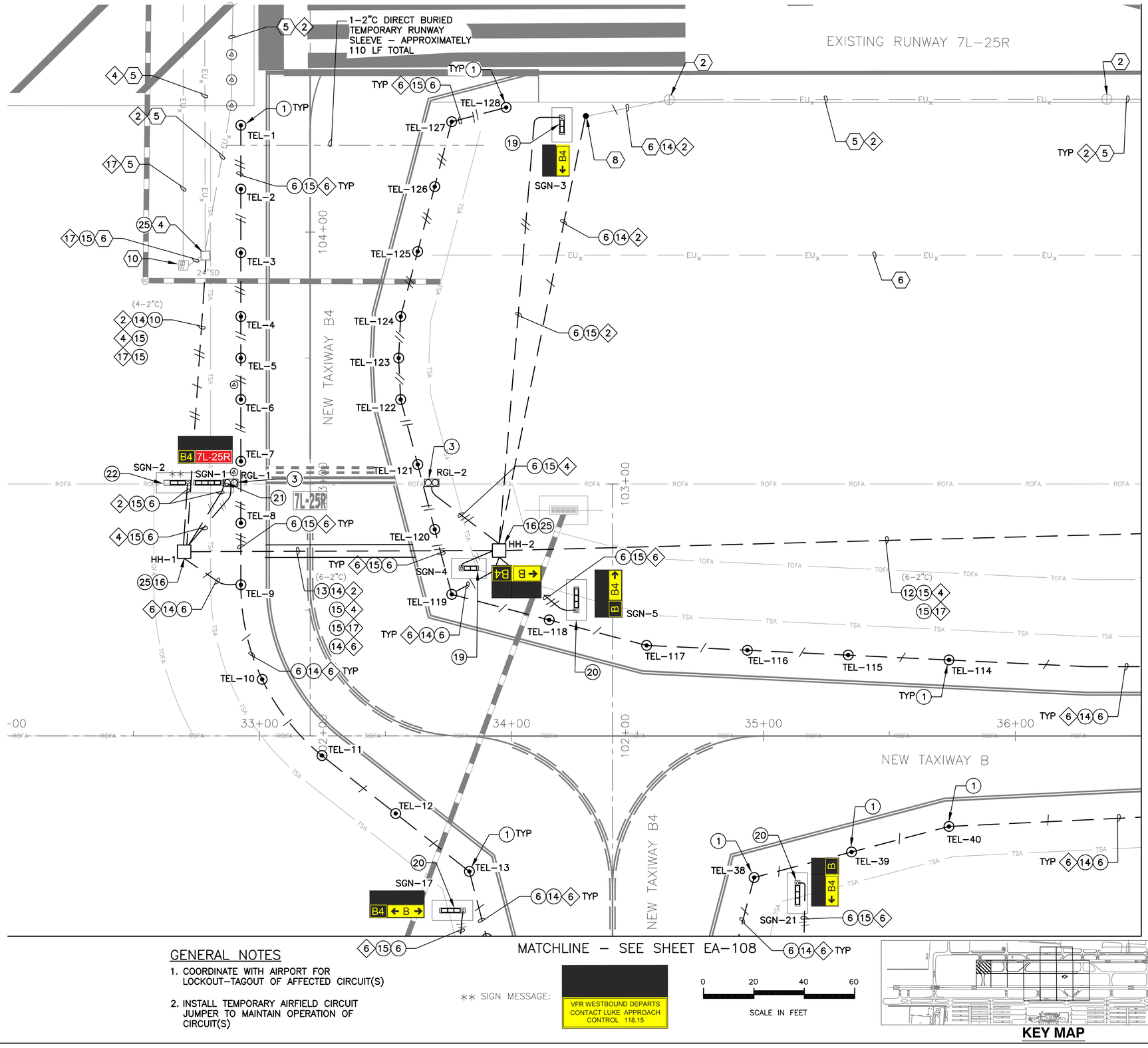
Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE
AIRFIELD ELECTRICAL DEMOLITION PLAN

SHEET REFERENCE NUMBER:
ED-119

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 ED-101 – ED-110-GMP4.dwg – Feb 26,2026 1:07pm



GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT-TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

** SIGN MESSAGE:

VFR WESTBOUND DEPARTS CONTACT LUKE APPROACH CONTROL 118.15

SCALE IN FEET: 0 20 40 60

KEY MAP

CONSTRUCTION NOTES

(1) INSTALL NEW ELEVATED LED L-861T(L) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN. (31 TOTAL)

(3) INSTALL NEW ELEVATED L-804(L) LED RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN. (2 TOTAL)

(6) 1-2"C SE (1,665 LF)

(10) 4-2"C SE (115 LF)

(12) 6-2"C SE (255 LF)

(13) 6-2"C CE (125 LF)

(14) 1/C, #8-5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (1,550 LF)

(15) 2/C, #8-5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (1,960 LF)

(16) NEW 4'x4'x4' HANDHOLE WITH AIRCRAFT RATED LID (2 TOTAL)

(19) INSTALL NEW L-858(L) LED, SIZE 1, 2-MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (2 TOTAL)

(20) INSTALL NEW L-858(L) LED, SIZE 1, 3-MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (3 TOTAL)

(21) INSTALL NEW L-858(L) LED, SIZE 1, 4-MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)

(22) INSTALL NEW L-858(L) LED, SIZE 2, 2-MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)

(25) INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (3 TOTAL)

REFERENCE NOTES

(2) EXISTING RUNWAY EDGE LIGHT

(4) EXISTING HANDHOLE OR JUNCTION CAN

(5) EXISTING CONDUIT AND CONDUCTOR

(6) EXISTING CONDUIT

(8) APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE

(10) EXISTING REIL

CIRCUIT IDENTIFICATION

(2) RW 7L/25R

(4) RGL 7L

(6) TAXIWAY B

(17) REIL 7L

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	SW
Drawn by:	JBW
Checked by:	CA
Date:	02/25/2026
Dwg scale:	1" = 20'

AIP NO.: 3-04-0028-XXX-TBD

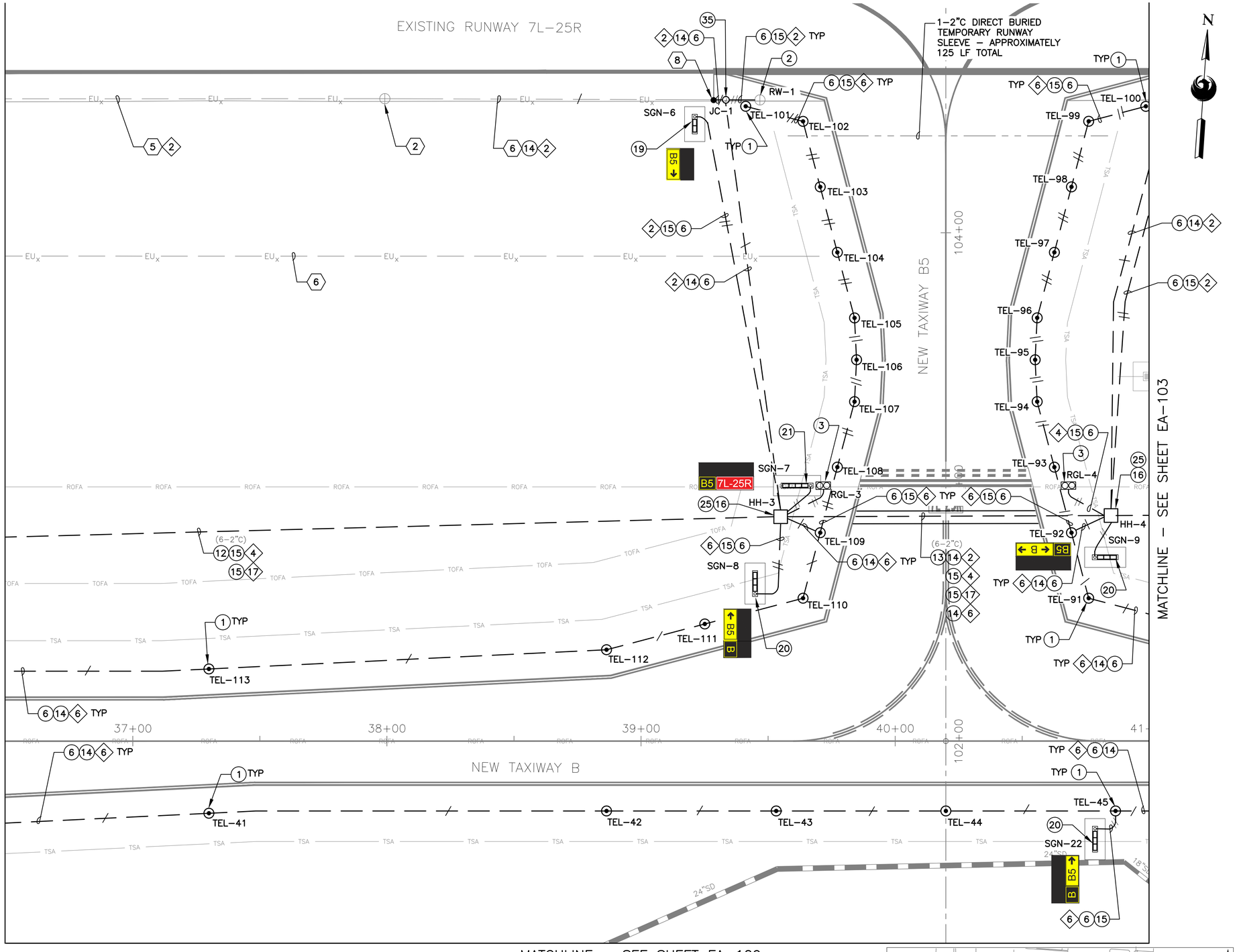
SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER: EA-101

SHEET 125 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006_EA-101 - EA-110-GMP4.dwg - Feb 26,2026 1:03pm



GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET

KEY MAP

CONSTRUCTION NOTES

(1) INSTALL NEW ELEVATED LED L–861T(L) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L–867 BASE CAN. (28 TOTAL)

(2) INSTALL SALVAGED ELEVATED L–861 RUNWAY EDGE LIGHT WITH NEW ISOLATION TRANSFORMER ON NEW L–867 BASE CAN. (1 TOTAL)

(3) INSTALL NEW ELEVATED L–804(L) LED RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER ON NEW L–867 BASE CAN. (2 TOTAL)

(6) 1–2"C SE (2,005 LF)

(12) 6–2"C SE (320 LF)

(13) 6–2"C CE (130 LF)

(14) 1/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (1,835 LF)

(15) 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (2,120 LF)

(16) NEW 4'x4'x4' HANDHOLE WITH AIRCRAFT RATED LID (2 TOTAL)

(19) INSTALL NEW L–858(L) LED, SIZE 1, 2–MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)

(20) INSTALL NEW L–858(L) LED, SIZE 1, 3–MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (3 TOTAL)

(21) INSTALL NEW L–858(L) LED, SIZE 1, 4–MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)

(25) INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (2 TOTAL)

(35) NEW L–867B (12" DIA.) JUNCTION CAN (1 TOTAL)

REFERENCE NOTES

(2) EXISTING RUNWAY EDGE LIGHT

(5) EXISTING CONDUIT AND CONDUCTOR

(6) EXISTING CONDUIT

(7) EXISTING DUCTBANK

(8) APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE

CIRCUIT IDENTIFICATION

(2) RW 7L/25R

(4) RGL 7L

(6) TAXIWAY B

(17) REIL 7L

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA 3–04–0028–039

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE
AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-102

SHEET 126 OF 161

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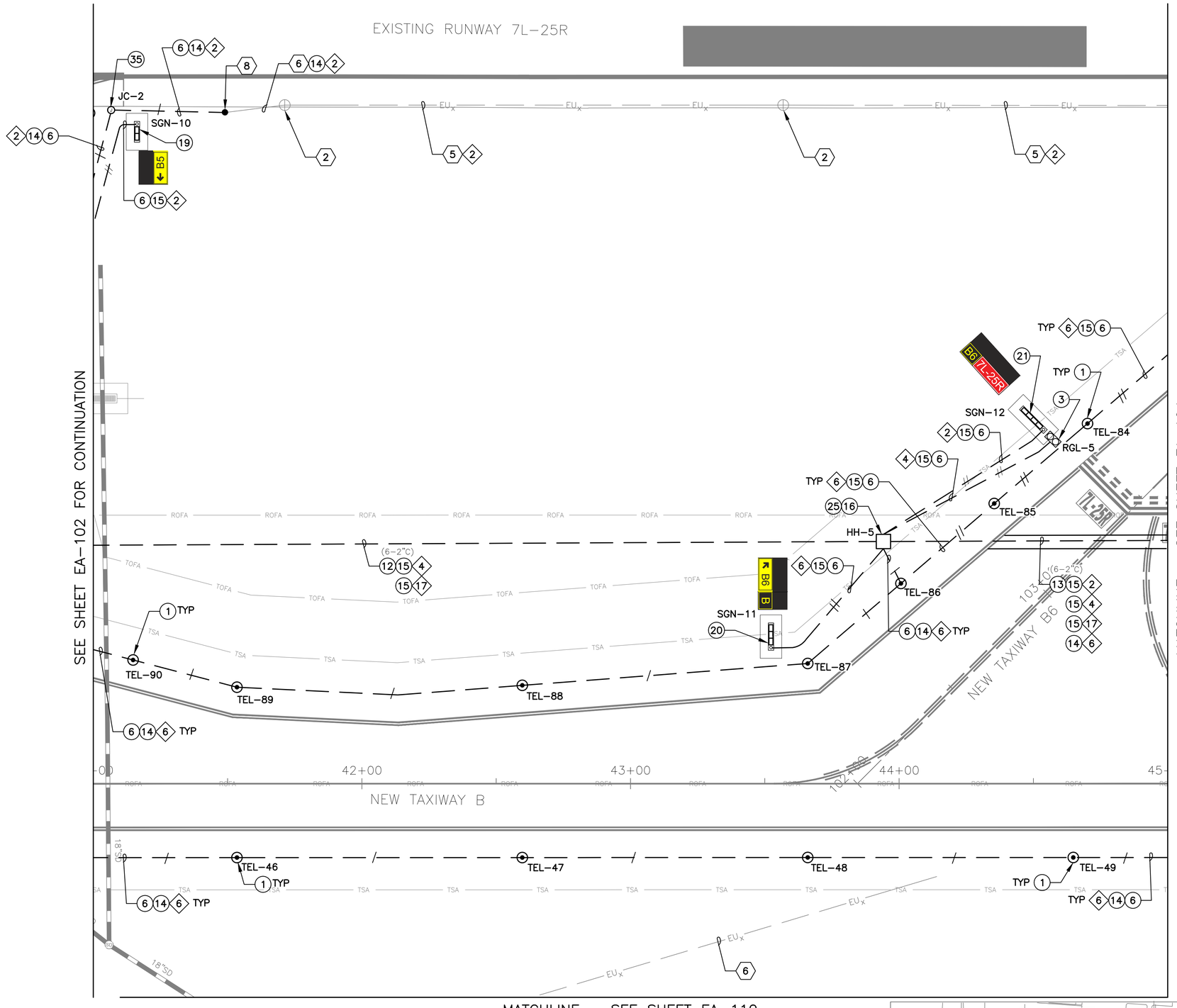
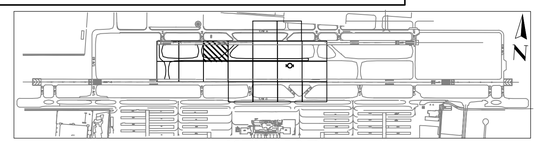


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET



KEY MAP

CONSTRUCTION NOTES

(1) INSTALL NEW ELEVATED LED L–861T(L) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L–867 BASE CAN. (11 TOTAL)

(3) INSTALL NEW ELEVATED L–804(L) LED RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER ON NEW L–867 BASE CAN. (1 TOTAL)

(6) 1–2"C SE (1,160 LF)

(12) 6–2"C SE (285 LF)

(13) 6–2"C CE (105 LF)

(14) 1/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (1,015 LF)

(15) 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (1,385 LF)

(16) NEW 4'x4'x4' HANDHOLE WITH AIRCRAFT RATED LID (1 TOTAL)

(19) INSTALL NEW L–858(L) LED, SIZE 1, 2–MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)

(20) INSTALL NEW L–858(L) LED, SIZE 1, 3–MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)

(21) INSTALL NEW L–858(L) LED, SIZE 1, 4–MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)

(25) INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (1 TOTAL)

(35) NEW L–867B (12" DIA.) JUNCTION CAN (1 TOTAL)

REFERENCE NOTES

(2) EXISTING RUNWAY EDGE LIGHT

(4) EXISTING HANDHOLE OR JUNCTION CAN

(5) EXISTING CONDUIT AND CONDUCTOR

(6) EXISTING CONDUIT

(8) APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE

CIRCUIT IDENTIFICATION

(2) RW 7L/25R

(4) RGL 7L

(6) TAXIWAY B

(17) REIL 7L

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NO	REVISIONS / SUBMISSIONS	DATE

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CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-103

SHEET 127 OF 161

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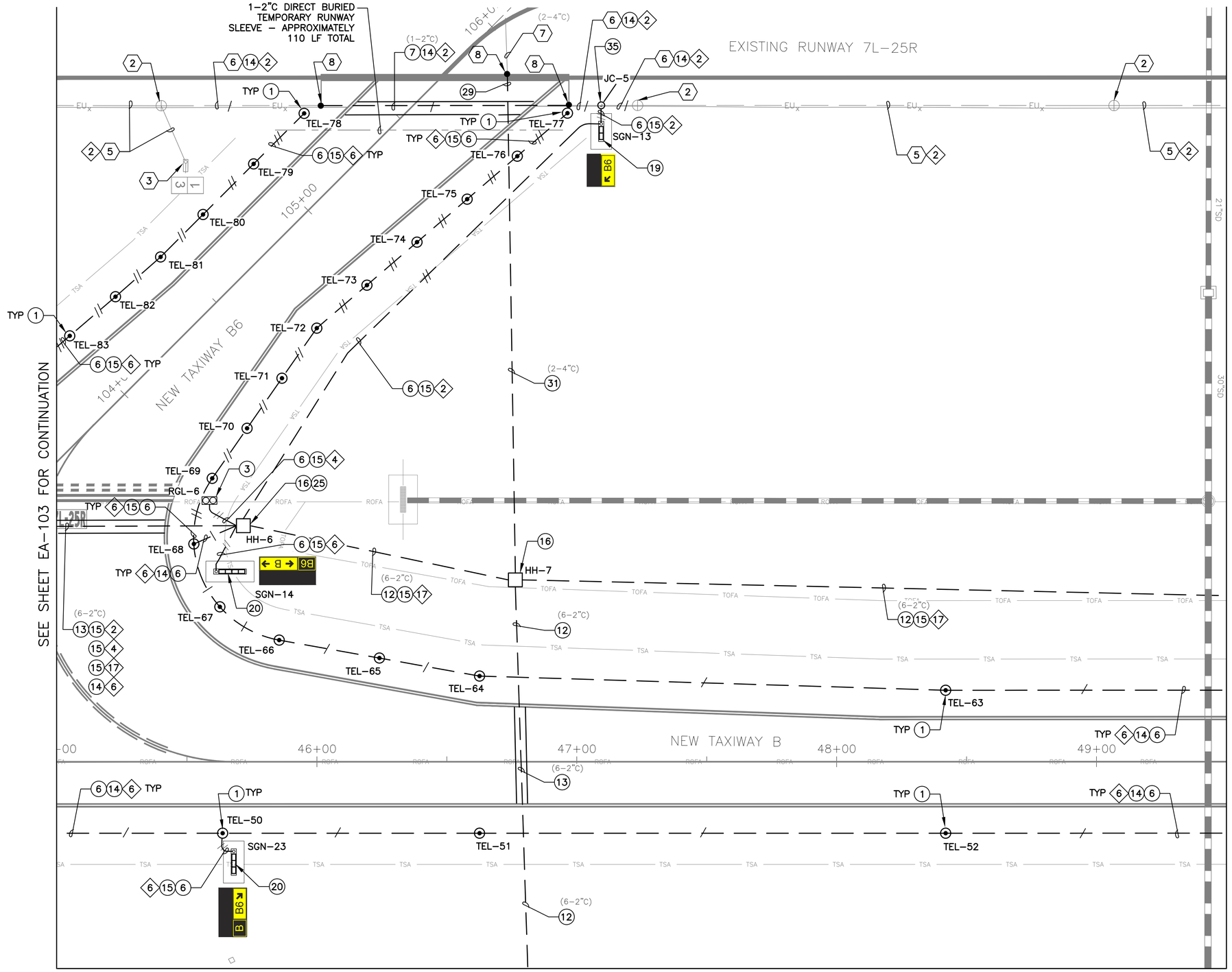

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT-TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET

KEY MAP

CONSTRUCTION NOTES

1. INSTALL NEW ELEVATED LED L-861T(L) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN. (24 TOTAL)
3. INSTALL NEW L-804(L) LED RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN. (1 TOTAL)
6. 1-2"C SE (1,510 LF)
7. 1-2"C SE (95 LF)
12. 6-2"C SE (495 LF)
13. 6-2"C CE (125 LF)
14. 1/C, #8-5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (1,285 LF)
15. 2/C, #8-5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (1,525 LF)
16. NEW 4'x4'x4' HANDHOLE WITH AIRCRAFT RATED LID (2 TOTAL)
19. INSTALL NEW L-858(L) LED, SIZE 1, 2-MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)
20. INSTALL NEW L-858(L) LED, SIZE 1, 3-MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (2 TOTAL)
25. INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (1 TOTAL)
29. NEW 2-4"C CE (45 LF)
31. NEW 2-4"C SE (135 LF)
35. NEW L-867B (12" DIA.) JUNCTION CAN (1 TOTAL)

REFERENCE NOTES

2. EXISTING RUNWAY EDGE LIGHT
3. EXISTING AIRFIELD GUIDANCE SIGN
5. EXISTING CONDUIT AND CONDUCTOR
6. EXISTING CONDUIT
7. EXISTING DUCTBANK
8. APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE

CIRCUIT IDENTIFICATION

2. RW 7L/25R
4. RGL 7L
6. TAXIWAY B
17. REIL 7L

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AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE
AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-104

SHEET 128 OF 161

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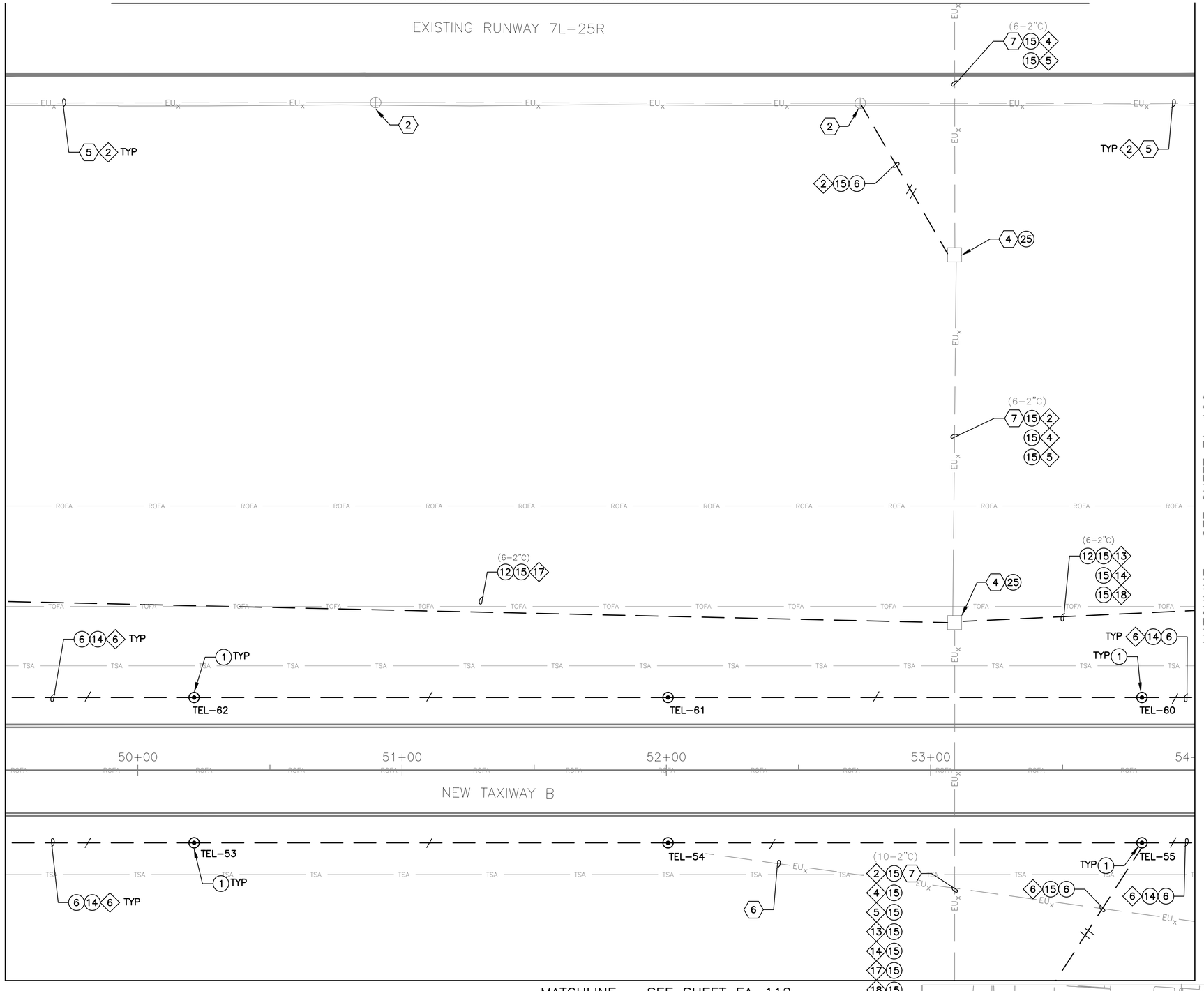
SEE SHEET EA-119 FOR CONTINUATION



SEE SHEET EA-104 FOR CONTINUATION

MATCHLINE - SEE SHEET EA-106

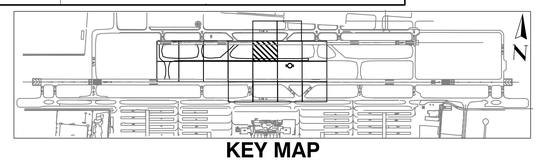
MATCHLINE - SEE SHEET EA-112

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT-TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET



KEY MAP

CONSTRUCTION NOTES

1. INSTALL NEW ELEVATED LED L-861T(L) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN. (6 TOTAL)
6. 1-2"C SE (1,035 LF)
12. 6-2"C SE (450 LF)
14. 1/C, #8-5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (960 LF)
15. 2/C, #8-5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (2,650 LF)
25. INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (2 TOTAL)

REFERENCE NOTES

2. EXISTING RUNWAY EDGE LIGHT
4. EXISTING HANDHOLE OR JUNCTION CAN
5. EXISTING CONDUIT AND CONDUCTOR
6. EXISTING CONDUIT
7. EXISTING DUCTBANK

CIRCUIT IDENTIFICATION

2. RW 7L/25R
4. RGL 7L
5. TAXIWAY A
6. TAXIWAY B
13. PAPI 7L
14. PAPI 25R
17. REIL 7L
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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYX
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

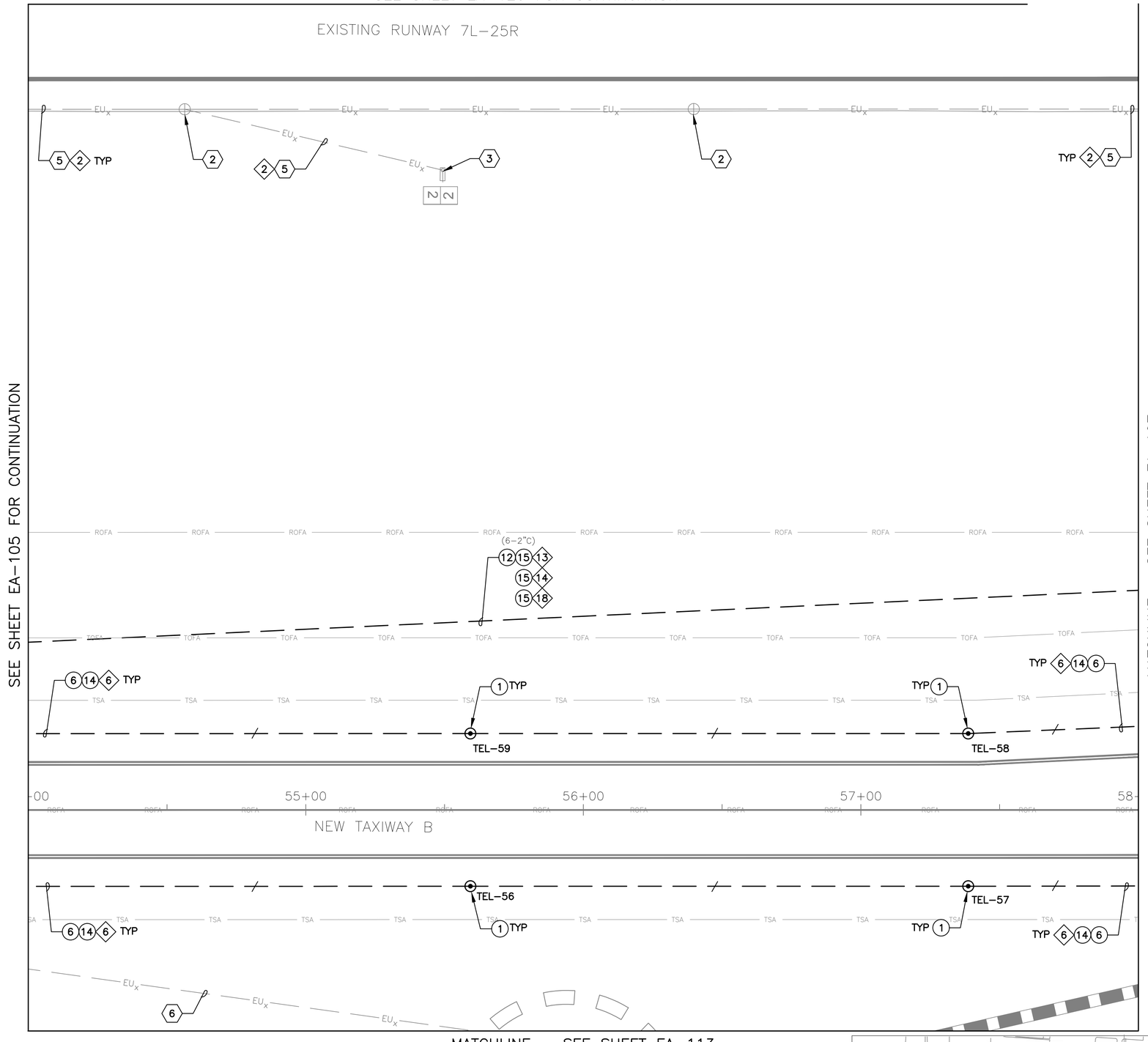
AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER: EA-105

SHEET 129 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006_EA-101 - EA-110-GMP4.dwg - Feb 26,2026 1:11pm

SEE SHEET EA-120 FOR CONTINUATION

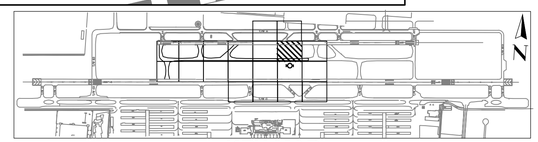


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET



KEY MAP

CONSTRUCTION NOTES

1. INSTALL NEW ELEVATED LED L-861T(L) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN. (4 TOTAL)
6. 1-2"C SE (800 LF)
12. 6-2"C SE (400 LF)
14. 1/C, #8-5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (840 LF)
15. 2/C, #8-5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (1,200 LF)

REFERENCE NOTES

2. EXISTING RUNWAY EDGE LIGHT
5. EXISTING CONDUIT AND CONDUCTOR

CIRCUIT IDENTIFICATION

2. RW 7L/25R
6. TAXIWAY B
13. PAPI 7L
14. PAPI 25R
18. REIL 25R

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	SW
Drawn by:	JBW
Checked by:	CA
Date:	02/25/2026
Dwg scale:	1" = 20'

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER: EA-106

SHEET 130 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006_EA-101 – EA-110-GMP4.dwg – Feb. 26,2026 1:12pm

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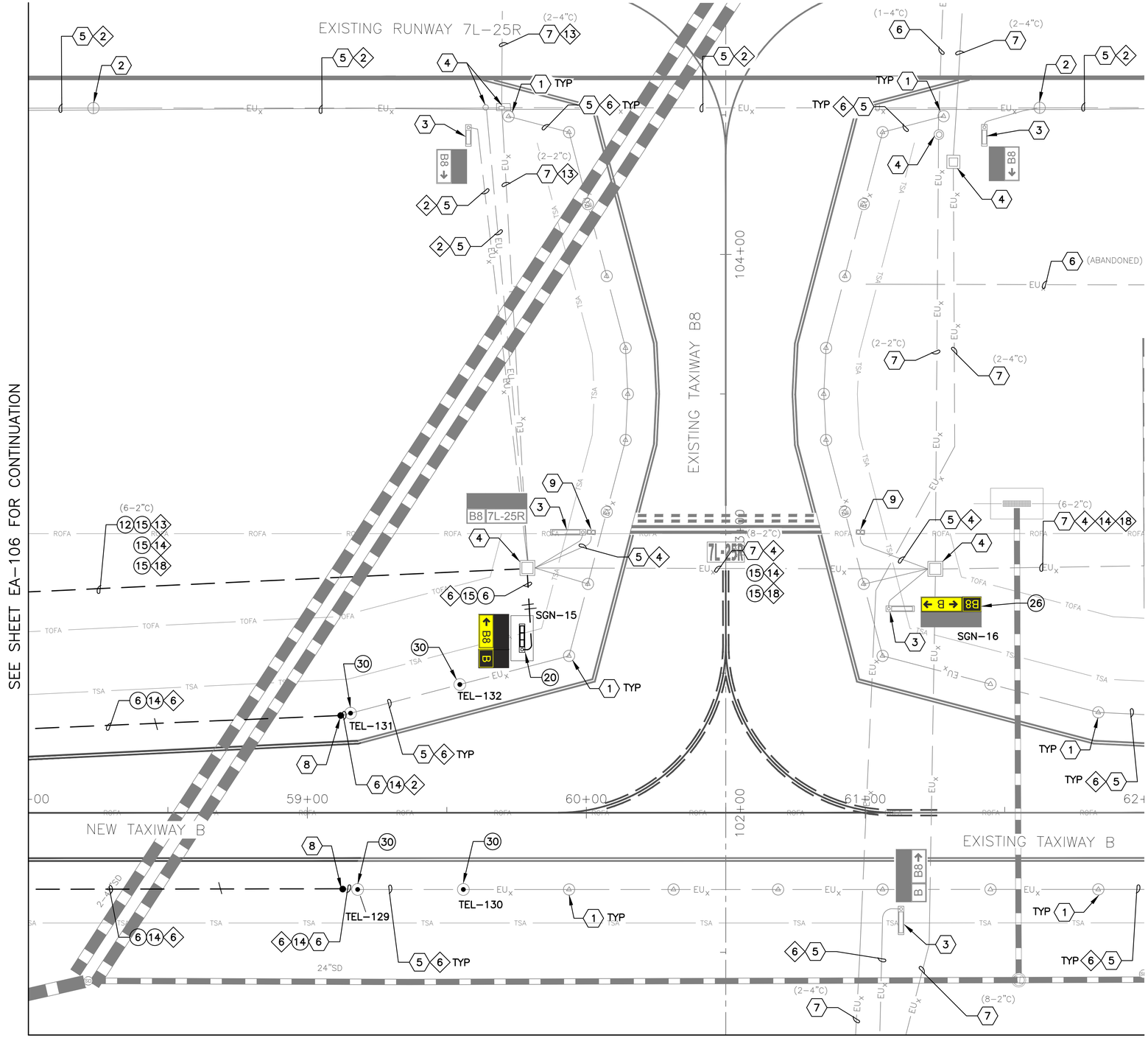
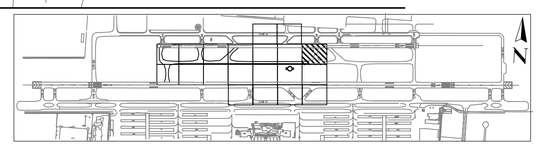


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

SCALE IN FEET: 0 20 40 60



KEY MAP

CONSTRUCTION NOTES

(6) 1–2"C SE (260 LF)

(12) 6–2"C SE (180 LF)

(14) 1/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (250 LF)

(15) 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (985 LF)

(20) INSTALL NEW L–858(L) LED, SIZE 1, 3–MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)

(26) INSTALL NEW SIZE 1 SIGN PANELS IN EXISTING SIGN (3 TOTAL)

(30) INSTALL NEW ELEVATED LED L–861T(L) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON EXISTING BASE CAN. (4 TOTAL)

REFERENCE NOTES

1. EXISTING TAXIWAY EDGE LIGHT
2. EXISTING RUNWAY EDGE LIGHT
3. EXISTING AIRFIELD GUIDANCE SIGN
4. EXISTING HANDHOLE OR JUNCTION CAN
5. EXISTING CONDUIT AND CONDUCTOR
6. EXISTING CONDUIT
7. EXISTING DUCTBANK
8. APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE
9. EXISTING RUNWAY GUARD LIGHT

CIRCUIT IDENTIFICATION

2. RW 7L/25R
4. RGL 7L
6. TAXIWAY B
13. PAPI 7L
14. PAPI 25R
18. REIL 25R

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NO	REVISIONS / SUBMISSIONS	DATE

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CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
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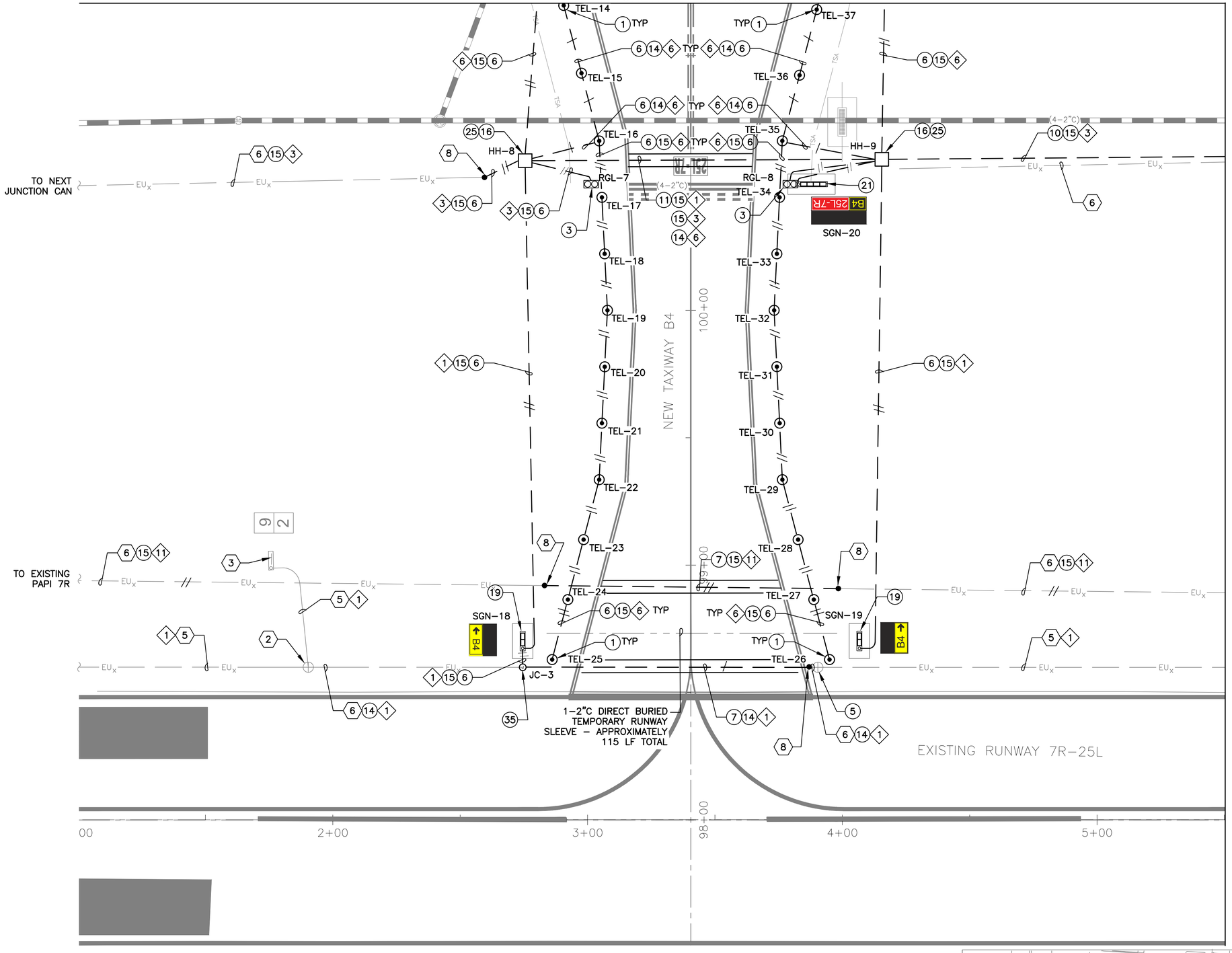
Dwg scale: 1" = 20'

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-107

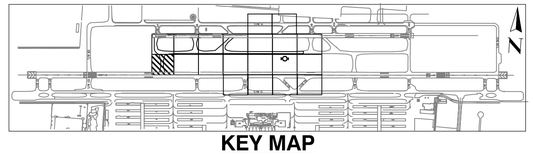


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET



KEY MAP

CONSTRUCTION NOTES

1. INSTALL NEW ELEVATED LED L–861T(L) TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L–867 BASE CAN. (24 TOTAL)
3. INSTALL NEW ELEVATED L–804(L) LED RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER ON NEW L–867 BASE CAN. (2 TOTAL)
5. INSTALL SALVAGED ELEVATED RUNWAY EDGE LIGHT WITH NEW ISOLATION TRANSFORMER ON EXISTING L–867 BASE CAN. (1 TOTAL)
6. 1–2"C SE (1,250 LF)
7. 1–2"C CE (230 LF)
10. 4–2"C SE (135 LF)
11. 4–2"C CE (140 LF)
14. 1/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (655 LF)
15. 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (3,530 LF)
16. NEW 4'x4'x4' HANDHOLE WITH AIRCRAFT RATED LID (2 TOTAL)
19. INSTALL NEW L–858(L) LED, SIZE 1, 2–MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (2 TOTAL)
21. INSTALL NEW L–858(L) LED, SIZE 1, 4–MODULE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD. (1 TOTAL)
25. INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (2 TOTAL)
35. NEW L–867B (12" DIA.) JUNCTION CAN (1 TOTAL)

REFERENCE NOTES

2. EXISTING RUNWAY EDGE LIGHT
3. EXISTING AIRFIELD GUIDANCE SIGN
5. EXISTING CONDUIT AND CONDUCTOR
6. EXISTING CONDUIT
8. APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE

CIRCUIT IDENTIFICATION

1. RW 7R/25L
3. RGL 7R
6. TAXIWAY B
11. PAPI 7R

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER: EA-108

SHEET 132 OF 161

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MATCHLINE – SEE SHEET EA–102

SEE SHEET EA–108 FOR CONTINUATION

SEE SHEET EA–110 – MATCHLINE

101+00

(4–2"C) 10 15 3

(4–2"C) 3 15 10

HH–10

EU$_X$

6

25 16

6 15 11

2

5 1

4

8

6 14 1

1 5

1 14 6

(2–4"C) 7 11

EXISTING RUNWAY 7R–25L

6+00 7+00 8+00 9+00 10+

N

CONSTRUCTION NOTES

6. 1–2"C SE (100 LF)
10. 4–2"C SE (450 LF)
14. 1/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (145 LF)
15. 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (815 LF)
16. NEW 4'x4'x4' HANDHOLE WITH AIRCRAFT RATED LID (1 TOTAL)
25. INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (1 TOTAL)

REFERENCE NOTES

2. EXISTING RUNWAY EDGE LIGHT
5. EXISTING CONDUIT AND CONDUCTOR
6. EXISTING CONDUIT
7. EXISTING DUCTBANK
8. APPROXIMATE SPLICE POINT OF CONDUIT AND COUNTERPOISE

CIRCUIT IDENTIFICATION

1. RW 7R/25L
3. RGL 7R
11. PAPI 7R

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET

KEY MAP

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NO	REVISIONS / SUBMISSIONS	DATE

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CITY OF PHOENIX AVIATION DEPARTMENT
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CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
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Dwg scale: 1" = 20'

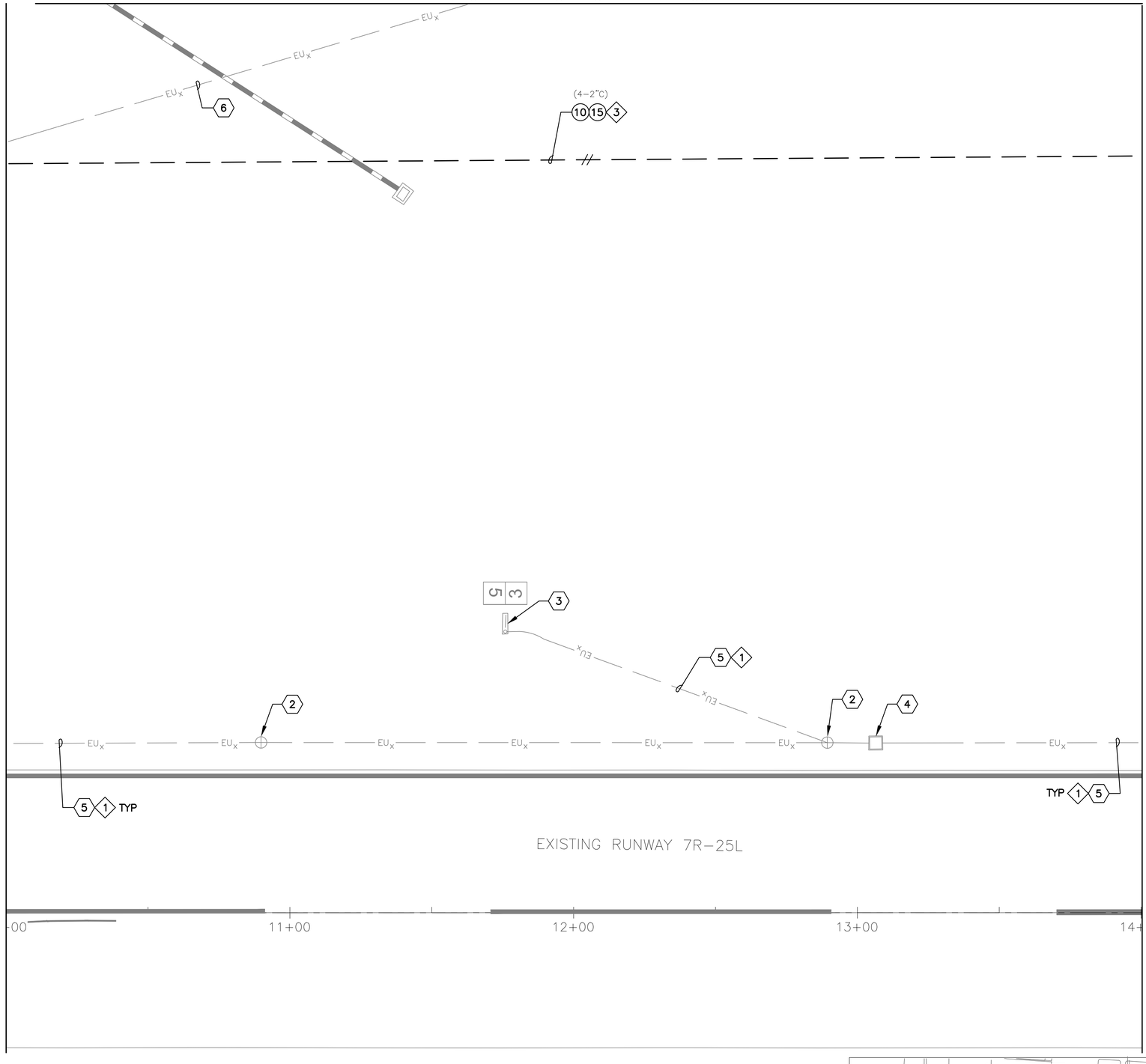
AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-109

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA-101 - EA-110-GMP4.dwg - Feb 26,2026 1:14pm



GENERAL NOTES

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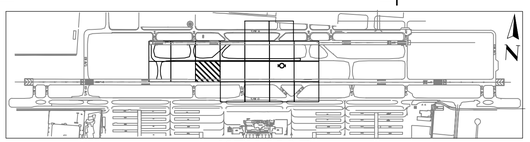
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)



KEY MAP

CONSTRUCTION NOTES

(10) 4–2"C SE (400 LF)

(15) 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (400 LF)

REFERENCE NOTES

(2) EXISTING RUNWAY EDGE LIGHT
(3) EXISTING AIRFIELD GUIDANCE SIGN
(4) EXISTING HANDHOLE OR JUNCTION CAN
(5) EXISTING CONDUIT AND CONDUCTOR
(6) EXISTING CONDUIT

CIRCUIT IDENTIFICATION

◇1◇ RW 7R/25L
◇3◇ RGL 7R

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NO	REVISIONS / SUBMISSIONS	DATE

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DEER VALLEY AIRPORT
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AV31000092 FAA

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SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER: EA-110

MATCHLINE – SEE SHEET EA–104

SEE SHEET EA–110 FOR CONTINUATION

(6–2"C) 12

(4–2"C) 10 15 3

25 16 HH–11

(6–2"C) 12 15 3

(6–2"C) 12

2

4

2

2

EU_x

5 1 TYP

TYP 1 5

(4–4"C) 7

EXISTING RUNWAY 7R–25L

00 15+00 16+00 17+00 18+00

MATCHLINE – SEE SHEET EA–112

MATCHLINE – SEE SHEET EA–115

N

0 20 40 60

SCALE IN FEET

KEY MAP

CONSTRUCTION NOTES

(10) 4–2"C SE (185 LF)

(12) 6–2"C SE (530 LF)

(15) 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (485 LF)

(16) NEW 4'x4'x4' HANDHOLE WITH AIRCRAFT RATED LID (1 TOTAL)

(25) INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (1 TOTAL)

REFERENCE NOTES

(2) EXISTING RUNWAY EDGE LIGHT

(4) EXISTING HANDHOLE OR JUNCTION CAN

(5) EXISTING CONDUIT AND CONDUCTOR

(7) EXISTING DUCTBANK

CIRCUIT IDENTIFICATION

(1) RW 7R/25L

(3) RGL 7R

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

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SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-111

SHEET 135 OF 161

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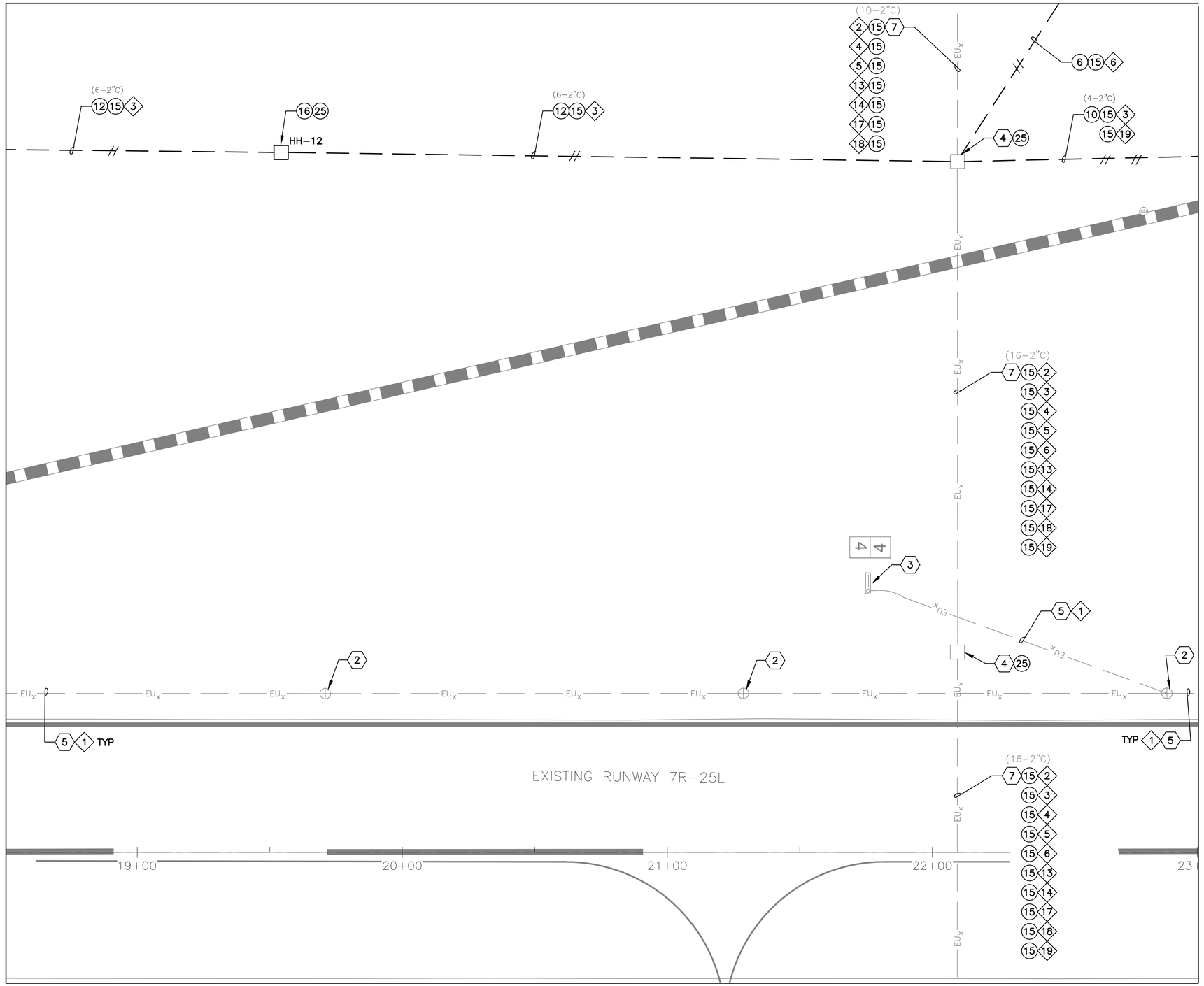


CONSTRUCTION NOTES

(6) 1–2"C SE (70 LF)

(10) 4–2"C SE (90 LF)

(12) 6–2"C SE (360LF)

(15) 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (4,840 LF)

(16) NEW 4'x4'x4' HANDHOLE WITH AIRCRAFT RATED LID (1 TOTAL)

(25) INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (3 TOTAL)

REFERENCE NOTES

(2) EXISTING RUNWAY EDGE LIGHT

(3) EXISTING AIRFIELD GUIDANCE SIGN

(4) EXISTING HANDHOLE OR JUNCTION CAN

(5) EXISTING CONDUIT AND CONDUCTOR

(7) EXISTING DUCTBANK

CIRCUIT IDENTIFICATION

(1) RW 7R/25L

(2) RW 7L/25R

(3) RGL 7R

(4) RGL 7L

(5) TAXIWAY A

(6) TAXIWAY B

(13) PAPI 7L

(14) PAPI 25R

(17) REIL 7L

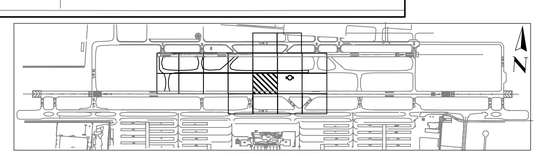
(18) REIL 25R

(19) PRIMARY WINDCONE

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET



KEY MAP

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B6 AND B9 - GMP 4
AV31000092 FAA

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Drawn by: JBW
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SHEET OVERVIEW TITLE
AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-112

SHEET 136 OF 161

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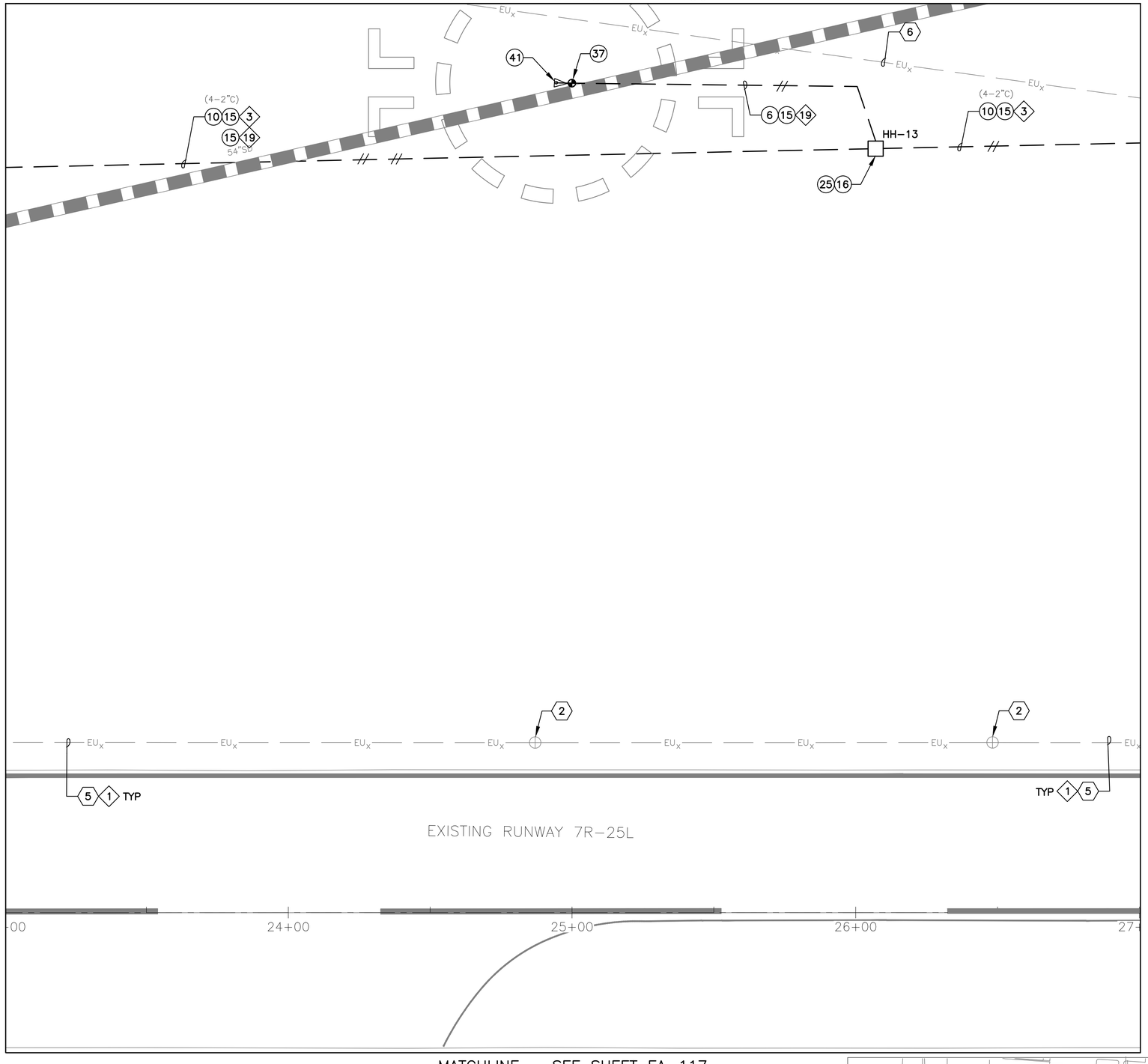
MATCHLINE – SEE SHEET EA–106



SEE SHEET EA–112 FOR CONTINUATION

MATCHLINE – SEE SHEET EA–114

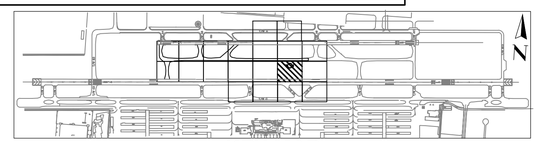
MATCHLINE – SEE SHEET EA–117

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET



KEY MAP

CONSTRUCTION NOTES

(6) 1–2"C SE (130 LF)

(10) 4–2"C SE (400 LF)

(15) 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (890 LF)

(16) NEW 4'x4'x4' HANDHOLE WITH AIRCRAFT RATED LID (1 TOTAL)

(25) INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (1 TOTAL)

(37) NEW L–867D (16" DIA.) JUNCTION CAN (1 TOTAL)

(41) NEW L–807(L) LED INTERNALLY LIGHTED, SIZE 2 PRIMARY WINDCONE (120V) WITH TILT DOWN POLE ON NEW CONCRETE FOUNDATION AND GROUNDING COMPLETE (1 TOTAL)

REFERENCE NOTES

2 EXISTING RUNWAY EDGE LIGHT

5 EXISTING CONDUIT AND CONDUCTOR

6 EXISTING CONDUIT

CIRCUIT IDENTIFICATION

1 RW 7R/25L

3 RGL 7R

19 WINDCONE

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-113

SHEET 137 OF 161

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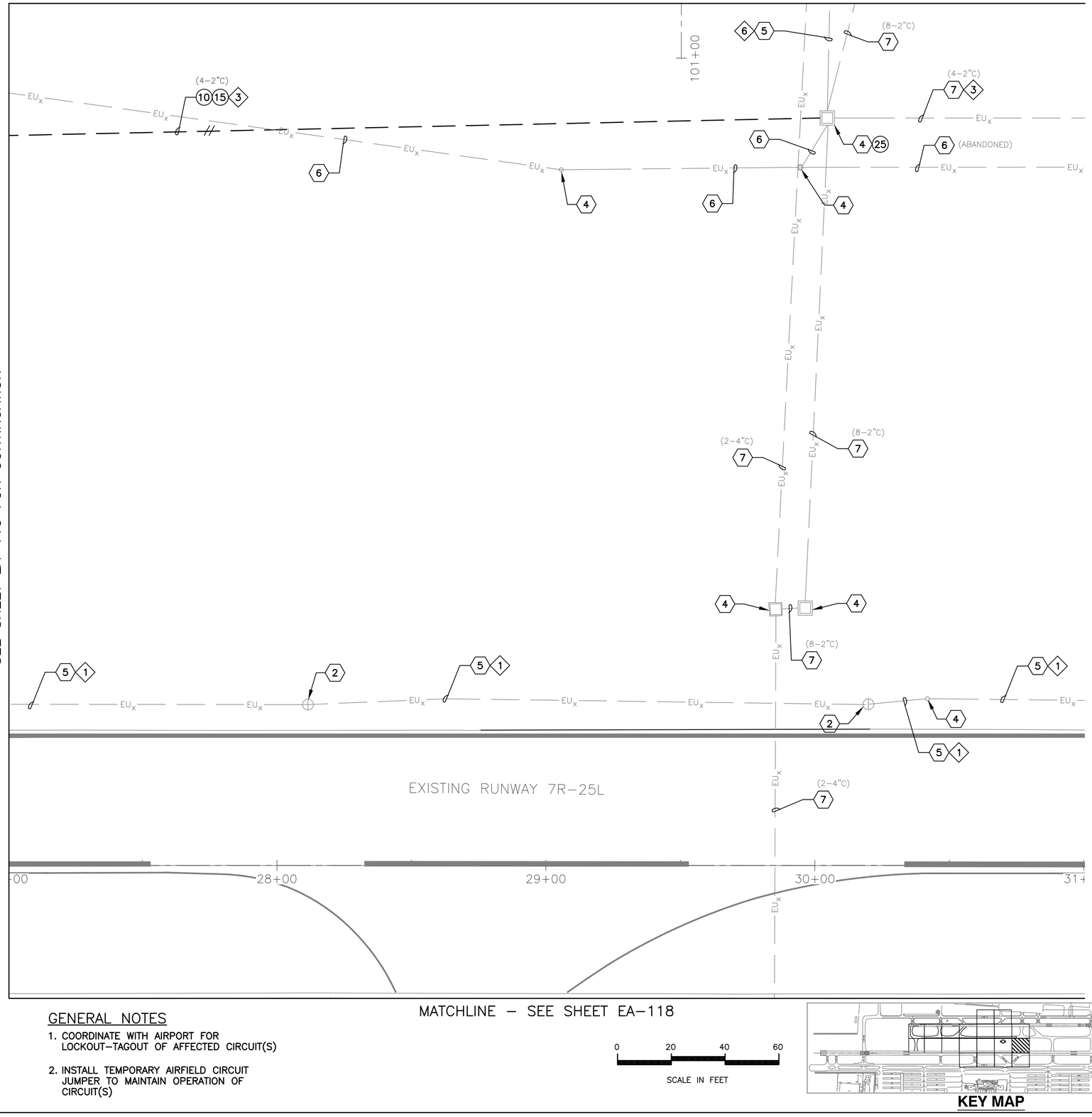
MATCHLINE – SEE SHEET EA–107



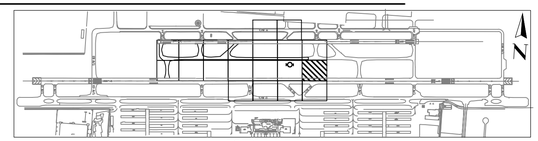
SEE SHEET EA–113 FOR CONTINUATION

MATCHLINE – SEE SHEET EA–118

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET



KEY MAP

CONSTRUCTION NOTES

(10) 4–2"C SE (305 LF)

(15) 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (320 LF)

(25) INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (1 TOTAL)

REFERENCE NOTES

(2) EXISTING RUNWAY EDGE LIGHT
(4) EXISTING HANDHOLE OR JUNCTION CAN
(5) EXISTING CONDUIT AND CONDUCTOR
(6) EXISTING CONDUIT
(7) EXISTING DUCTBANK

CIRCUIT IDENTIFICATION

(1) RW 7R/25L
(3) RGL 7R

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE
AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-114

SHEET 138 OF 161

MATCHLINE – SEE SHEET EA–111

MATCHLINE – SEE SHEET EA–116

EXISTING TAXIWAY C

EXISTING TAXIWAY D6

EXISTING TAXIWAY D

NOTE
ON THIS SHEET, LIGHTS, SIGNAGE, PAPI, RGLs, HANDHOLES, CONDUIT/CONDUCTOR, ETC... NOT ASSOCIATED WITH TAXIWAY B GMP4 PROJECT ARE MINIMALLY NOTED.

NO NEW ELECTRICAL WORK IS SHOWN ON THIS SHEET – PROVIDED FOR REFERENCE ONLY.

REFERENCE NOTES

1. EXISTING TAXIWAY EDGE LIGHT
2. EXISTING RUNWAY EDGE LIGHT
4. EXISTING HANDHOLE OR JUNCTION CAN
5. EXISTING CONDUIT AND CONDUCTOR
7. EXISTING DUCTBANK

CIRCUIT IDENTIFICATION

1. RW 7R/25L
8. TAXIWAY C EAST
9. TAXIWAY C WEST
10. TAXIWAY D
11. PAPI 7R
15. REIL 7R

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET

KEY MAP

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CITY OF PHOENIX AVIATION DEPARTMENT

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RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
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AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE
AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-115

SHEET 139 OF 161

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MATCHLINE – SEE SHEET EA–112

SEE SHEET EA–115 FOR CONTINUATION

MATCHLINE – SEE SHEET EA–116

EXISTING TAXIWAY C7

EXISTING TAXIWAY C

EXISTING TAXIWAY D

C7 7R - 25L

7R-25L

7R-25L

TYP

= 15 2 / 15 3 / 15 4 / 15 5 / 15 6 / 15 13 / 15 14 / 15 17 / 15 18 / 15 19

(16–2"C)

(4–2"C)

NOTE
ON THIS SHEET, LIGHTS, SIGNAGE, PAPI, RGLs, HANDHOLES, CONDUIT/CONDUCTOR, ETC... NOT ASSOCIATED WITH TAXIWAY B GMP4 PROJECT ARE MINIMALLY NOTED.

N

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET

KEY MAP

CONSTRUCTION NOTES

(15) 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (3,500 LF)

(25) INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (2 TOTAL)

REFERENCE NOTES

1. EXISTING TAXIWAY EDGE LIGHT
2. EXISTING RUNWAY EDGE LIGHT
3. EXISTING AIRFIELD GUIDANCE SIGN
4. EXISTING HANDHOLE OR JUNCTION CAN
5. EXISTING CONDUIT AND CONDUCTOR
7. EXISTING DUCTBANK

CIRCUIT IDENTIFICATION

1. RW 7R/25L
2. RW 7L/25R
3. RGL 7R
4. RGL 7L
5. TAXIWAY A
6. TAXIWAY B
8. TAXIWAY C EAST
9. TAXIWAY C WEST
10. TAXIWAY D
11. PAPI 7R
13. PAPI 7L
14. PAPI 25R
15. REIL 7R
16. REIL 25L
17. REIL 7L
18. REIL 25R
19. PRIMARY WINDCONE

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NO	REVISIONS / SUBMISSIONS	DATE

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CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-116

SHEET 140 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA–101 – EA–110–GMP4.dwg – Feb 26,2026 1:18pm

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MATCHLINE – SEE SHEET EA–116 FOR CONTINUATION

MATCHLINE – SEE SHEET EA–118

N

NOTE
ON THIS SHEET, LIGHTS, SIGNAGE, PAPI, RGLs, HANDHOLES, CONDUIT/CONDUCTOR, ETC... NOT ASSOCIATED WITH TAXIWAY B GMP4 PROJECT ARE MINIMALLY NOTED.

▲ = 15 2, 15 3, 15 4, 15 5, 15 6, 15 13, 15 14, 15 17, 15 18, 15 19

EXISTING TAXIWAY C8

EXISTING TAXIWAY D8

7R-25L

TYP 1

(16–2"C) 15 11 9 8 1 7

(24–2"C) 7 1 THROUGH 6 AND 8 THROUGH 19

TO EXISTING AIRFIELD LIGHTING VAULT

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60
SCALE IN FEET

KEY MAP

CONSTRUCTION NOTES

15 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (2,000 LF)

25 INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (2 TOTAL)

REFERENCE NOTES

1. EXISTING TAXIWAY EDGE LIGHT
2. EXISTING RUNWAY EDGE LIGHT
3. EXISTING AIRFIELD GUIDANCE SIGN
4. EXISTING HANDHOLE OR JUNCTION CAN
5. EXISTING CONDUIT AND CONDUCTOR
7. EXISTING DUCTBANK

CIRCUIT IDENTIFICATION

1. RW 7R/25L
2. RW 7L/25R
3. RGL 7R
4. RGL 7L
5. TAXIWAY A
6. TAXIWAY B
8. TAXIWAY C EAST
9. TAXIWAY C WEST
10. TAXIWAY D
11. PAPI 7R
12. PAPI 25L
13. PAPI 7L
14. PAPI 25R
15. REIL 7R
16. REIL 25L
17. REIL 7L
18. REIL 25R
19. PRIMARY WINDCONE

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	SW
Drawn by:	JBW
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AIP NO.: 3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE
AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-117

SHEET 141 OF 161

O:\PROJECTS\19000\19006 PVT Relocate Twy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA-101 - EA-110-GMP4.dwg - Feb 26,2026 1:21pm

MATCHLINE – SEE SHEET EA-114

SEE SHEET EA-117 FOR CONTINUATION

EXISTING TAXIWAY C9

EXISTING TAXIWAY C

EXISTING TAXIWAY D

7R-25L

TYP (1)

(2-4"C) (7)

(4-2"C) (7 12 16)

(12-2"C) (7 12 16)

NOTE

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N

NO NEW ELECTRICAL WORK IS SHOWN ON THIS SHEET – PROVIDED FOR REFERENCE ONLY.

REFERENCE NOTES

1. EXISTING TAXIWAY EDGE LIGHT
2. EXISTING RUNWAY EDGE LIGHT
3. EXISTING AIRFIELD GUIDANCE SIGN
4. EXISTING HANDHOLE OR JUNCTION CAN
5. EXISTING CONDUIT AND CONDUCTOR
7. EXISTING DUCTBANK

CIRCUIT IDENTIFICATION

1. RW 7R/25L
3. RGL 7R
8. TAXIWAY C EAST
10. TAXIWAY D
12. PAPI 25L
16. REIL 25L

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET

KEY MAP

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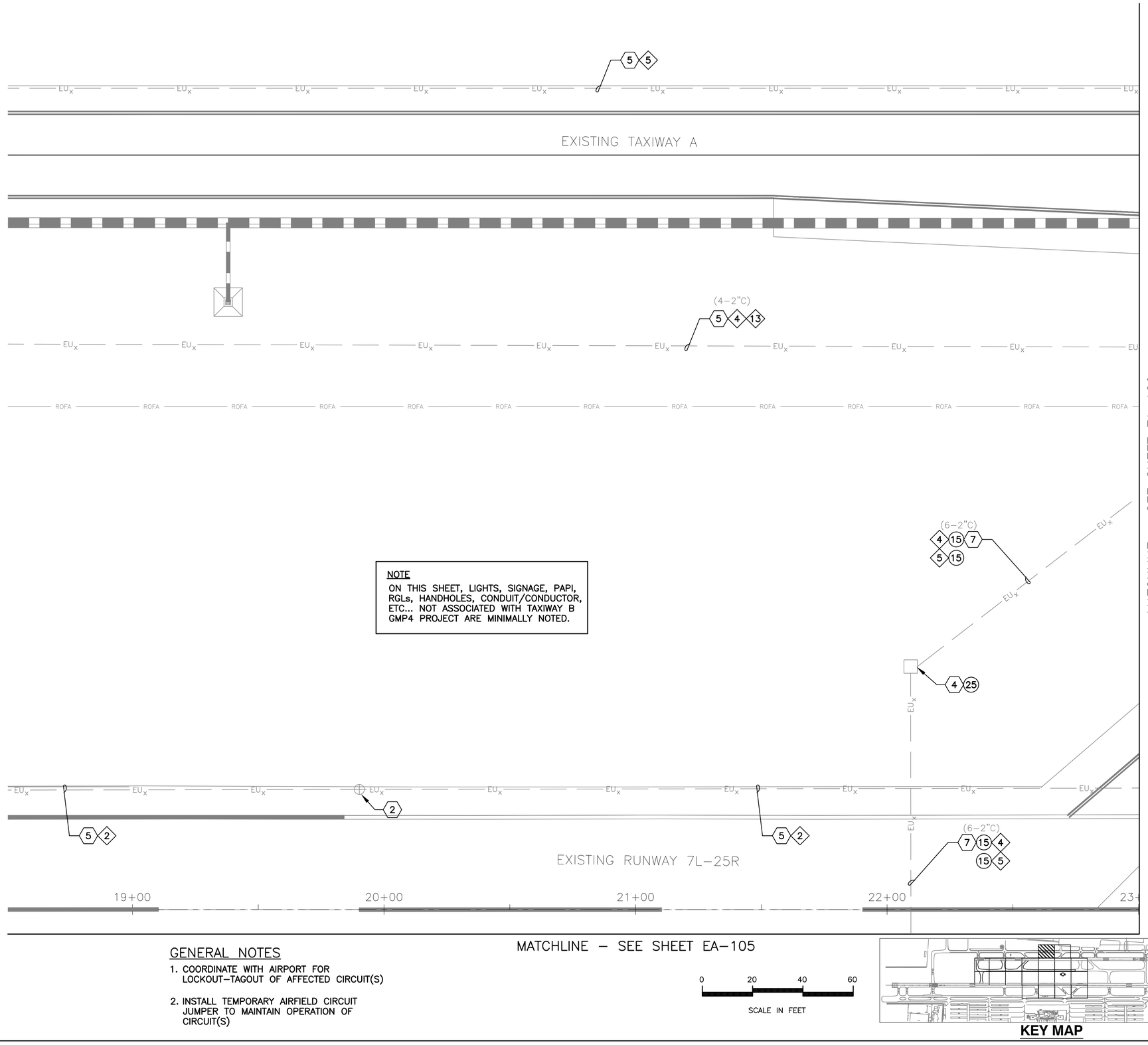
SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-118



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GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET

KEY MAP

CONSTRUCTION NOTES

(15) 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (500 LF)

(25) INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (1 TOTAL)

REFERENCE NOTES

(2) EXISTING RUNWAY EDGE LIGHT
(4) EXISTING HANDHOLE OR JUNCTION CAN
(5) EXISTING CONDUIT AND CONDUCTOR
(7) EXISTING DUCTBANK

CIRCUIT IDENTIFICATION

(2) RW 7L/25R
(4) RGL 7L
(5) TAXIWAY A
(13) PAPI 7L

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SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-119

SHEET 143 OF 161

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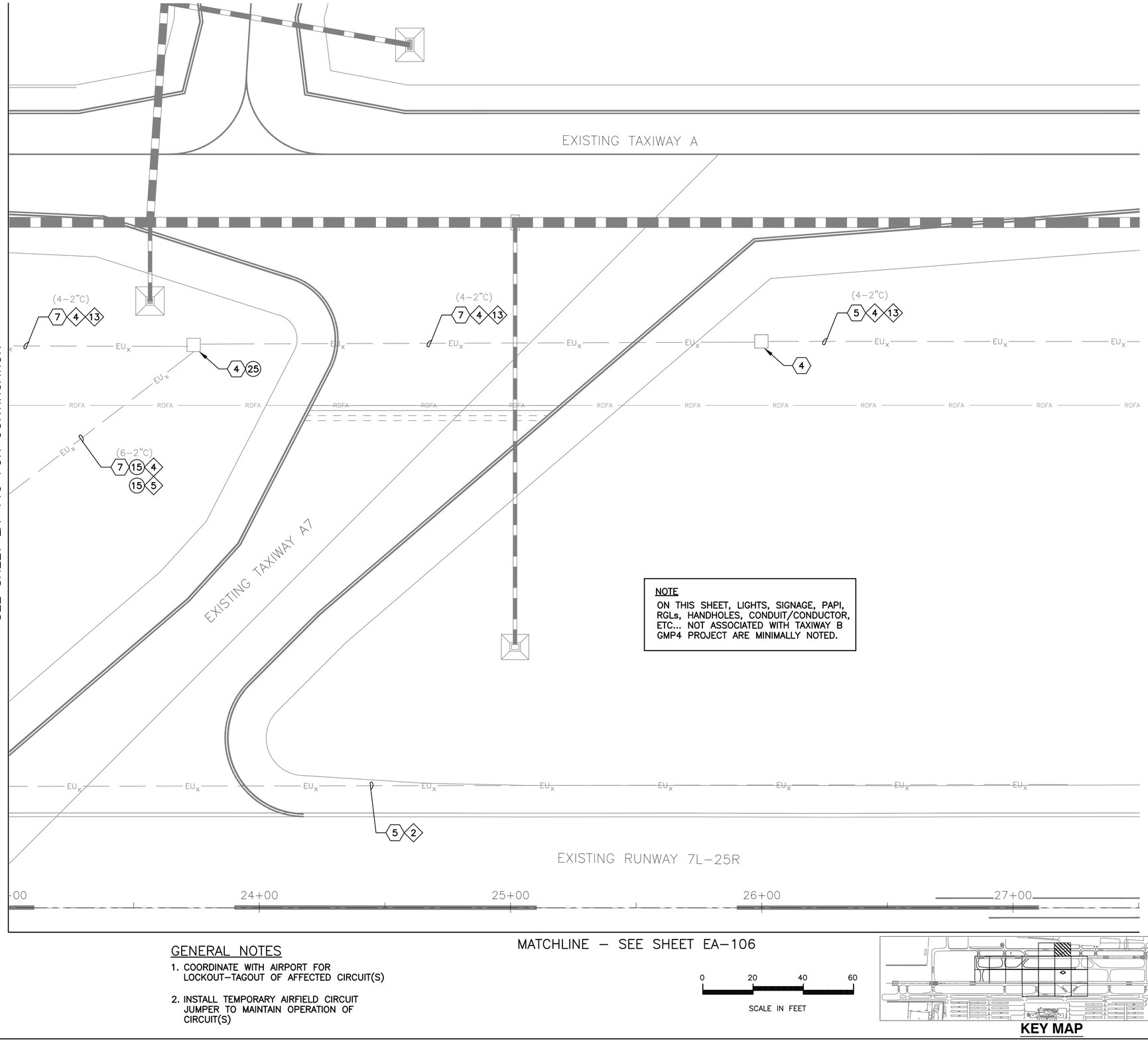
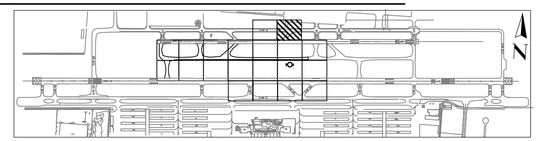


GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR LOCKOUT–TAGOUT OF AFFECTED CIRCUIT(S)
2. INSTALL TEMPORARY AIRFIELD CIRCUIT JUMPER TO MAINTAIN OPERATION OF CIRCUIT(S)

0 20 40 60

SCALE IN FEET



KEY MAP

CONSTRUCTION NOTES

(15) 2/C, #8–5KV, TYPE C AIRFIELD LIGHTING CABLE WITH #6 GROUND (220 LF)

(25) INSTALL NEW RGL ISOLATION CONDUITS IN NEW OR EXISTING HANDHOLE (1 TOTAL)

REFERENCE NOTES

4 EXISTING HANDHOLE OR JUNCTION CAN

5 EXISTING CONDUIT AND CONDUCTOR

7 EXISTING DUCTBANK

CIRCUIT IDENTIFICATION

2 RW 7L/25R

4 RGL 7L

5 TAXIWAY A

13 PAPI 7L

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NO	REVISIONS / SUBMISSIONS	DATE

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B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: 1" = 20'

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE

AIRFIELD LIGHTING AND ELECTRICAL PLAN

SHEET REFERENCE NUMBER:
EA-120

SHEET 144 OF 161

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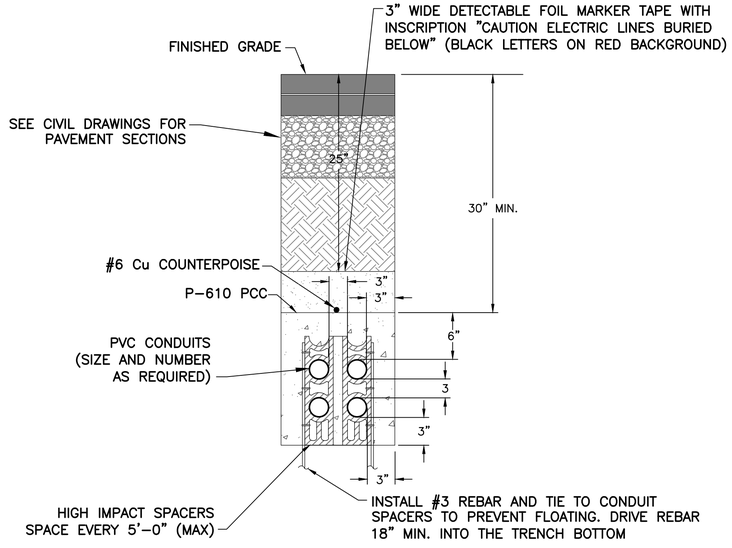
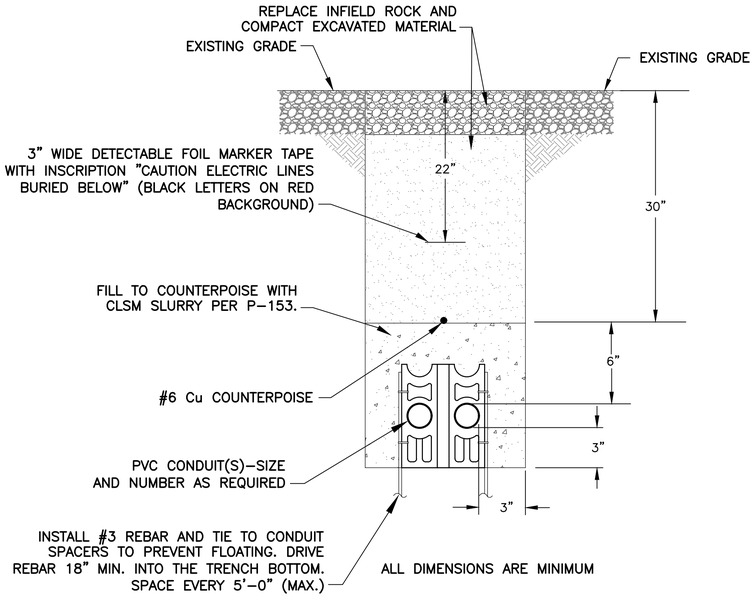


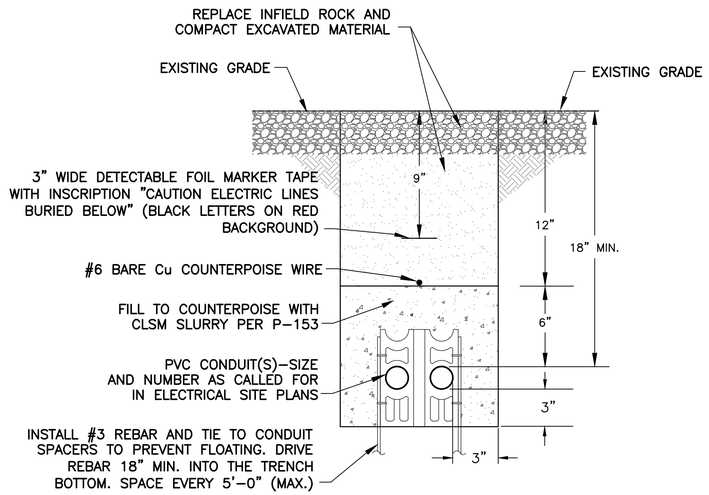
501 TYP CONCRETE ENCASED (CE) CONDUIT DUCTBANK
NTS

GENERAL NOTES FOR CONDUIT INSTALLATION

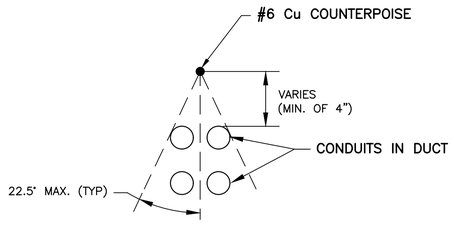
1. PROVIDE PULL STRING IN ALL (NEW) UNUSED CONDUITS. PLUG ENDS IN HANDHOLES.
2. P-610 CONCRETE ENCASE UNDER PAVEMENT AND AS OTHERWISE INDICATED ON PLANS.
3. INSTALL A #6 BARE COPPER (Cu) COUNTERPOISE IN EACH DUCT ASSEMBLY FROM HANDHOLE-TO-HANDHOLE AND EXOTHERMICALLY WELD TO GROUND RODS AT EACH HANDHOLE.
4. INSTALL LIGHTING SERIES CIRCUITS AS FOLLOWS:
   A. ONE CIRCUIT (1 OR 2 CONDUCTORS) PER 2"C.
   B. START INSTALLATION IN BOTTOM CONDUITS OF DUCT ARRAY, LEAVING THE UPPER CONDUITS EMPTY.
5. ALL UNDERGROUND CONDUITS SHALL MAINTAIN A 12" (MIN.) SEPARATION FROM ALL OTHER (EXISTING OR NEW) UNDERGROUND FACILITIES (I.E. WATER, SEWER, AND GAS LINES, INCLUDING BOTH PUBLIC AND PRIVATE), UNLESS NOTED OTHERWISE ON DRAWINGS
6. CONDUIT IN DUCTBANK(S) ARE TO BE STACKED NO MORE THAN THREE (E) CONDUITS. IF MORE CONDUITS ARE NEEDED, THE WIDTH OF THE TRENCH IS TO BE INCREASED.



503 TYP SLURRY ENCASED (SE) CONDUIT DUCTBANK
NTS

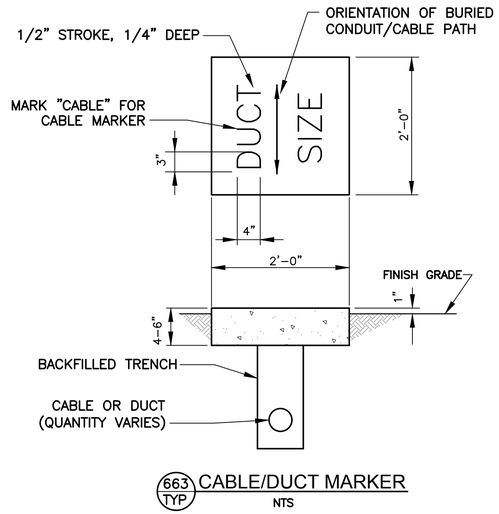


505 TYP CONDUIT DETAIL
NTS



506 TYP COUNTERPOISE COVERAGE
NTS

NOTE
1. ADJUST COUNTERPOISE OFFSET ABOVE CONDUIT/DUCT (MIN. OF 4") TO PROVIDE A CONE OF PROTECTION (MAX. OF 22.5° EACH SIDE OF VERTICAL) ABOVE ALL CONDUITS.



663 TYP CABLE/DUCT MARKER
NTS

NOTES
1. LOCATE THE MARKERS ABOVE THE ENDS AND DIRECTIONAL CHANGES OF ALL DUCTS OR DUCT BANKS, EXCEPT WHERE DUCTS TERMINATE IN THE HANDHOLE, MANHOLE, OR BUILDING. THE WORD "DUCT" MUST BE IMPRESSED ON EACH MARKER SLAB, AS WELL AS THE NUMBER AND SIZE OF DUCTS BENEATH THE MARKER.
2. COST OF CONCRETE MARKERS IS INCIDENTAL TO THE ASSOCIATED ITEMS OF DUCTS IN ACCORDANCE WITH L-110.

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

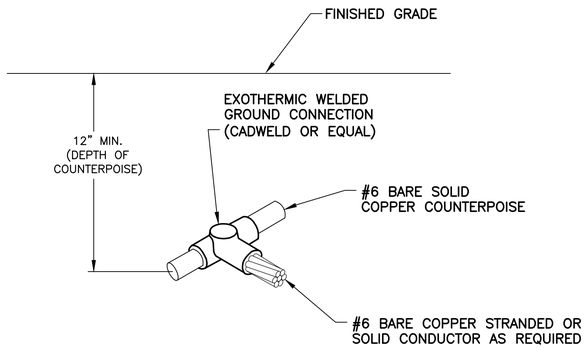
Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: NTS
AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE
ELECTRICAL DETAILS - CONDUIT DUCTBANKS AND DUCT MARKER

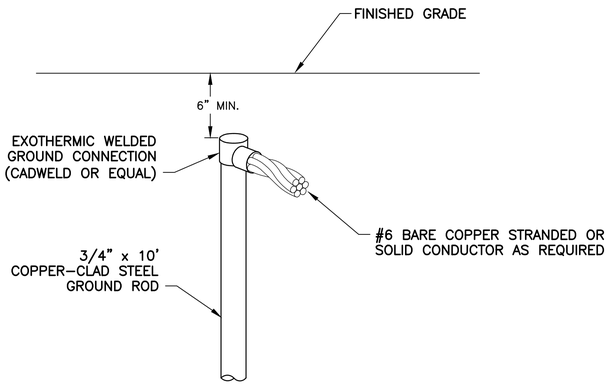
SHEET REFERENCE NUMBER: EA-501

SHEET 145 OF 161

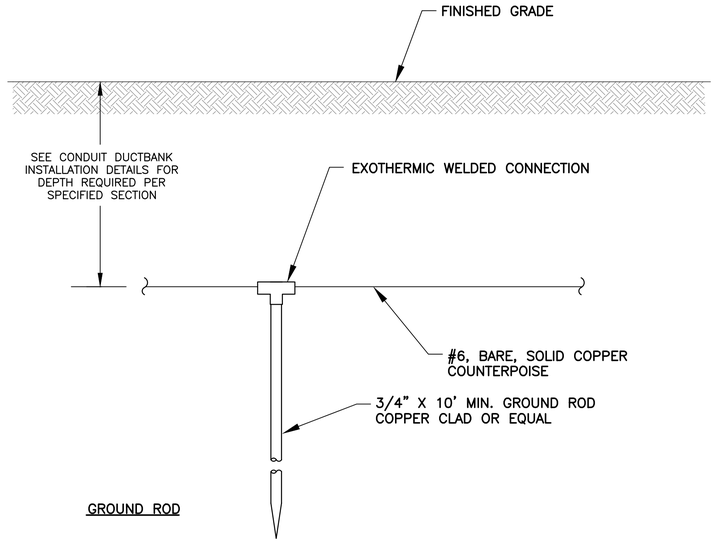
Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006_EA-501-GMP4 CONDUIT DUCTBANKS AND DUCT MARKER.dwg — Feb 26,2026 - 1:24pm



766 TYP COUNTERPOISE TO CABLE CONNECTION DETAIL
NTS



767 TYP CABLE TO GROUND ROD CONNECTION DETAIL
NTS



761 TYP COUNTERPOISE INSTALLATION DETAIL
NTS

NOTES

1. COST OF GROUND RODS SHALL BE INCIDENTAL TO THE ASSOCIATED ITEMS REQUIRING GROUNDING UNLESS OTHERWISE SPECIFIED.
2. WHERE POSSIBLE, NEW COUNTERPOISE SYSTEM SHALL BE CONNECTED TO ANY EXISTING COUNTERPOISE SYSTEM ENCOUNTERED.
3. GROUNDING ELECTRODES INSTALLED AS PART OF THE COUNTERPOISE SYSTEM SHALL BE SPACED AT DISTANCES NO GREATER THAN 500 FT. (MAX).
4. REFER TO DETAILS 501 AND 502, SHEET E-501, FOR CONCRETE ENCASED CONDUITS. REFER TO DETAILS 503 AND 505, SHEET E-501, FOR SLURRY ENCASED CONDUITS.
5. MAINTAIN SIX INCH (MINIMUM) VERTICAL SEPARATION BETWEEN COUNTERPOISE AND TYPE "C" CABLE IN 2" CONDUIT.
6. PROVIDE GROUND ROD FOR EXOTHERMICALLY WELDING TO COUNTERPOISE AT END OF SINGLE CONDUITS TERMINATING AT FIXTURE OR SIGN BASES IF DISTANCE IS GREATER THAN 100' FROM HANDHOLE OR LAST INSTALLED COUNTERPOISE ROD.

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PHX DVT BYR
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DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	SW
Drawn by:	JBW
Checked by:	CA
Date:	02/25/2026
Dwg scale:	NTS

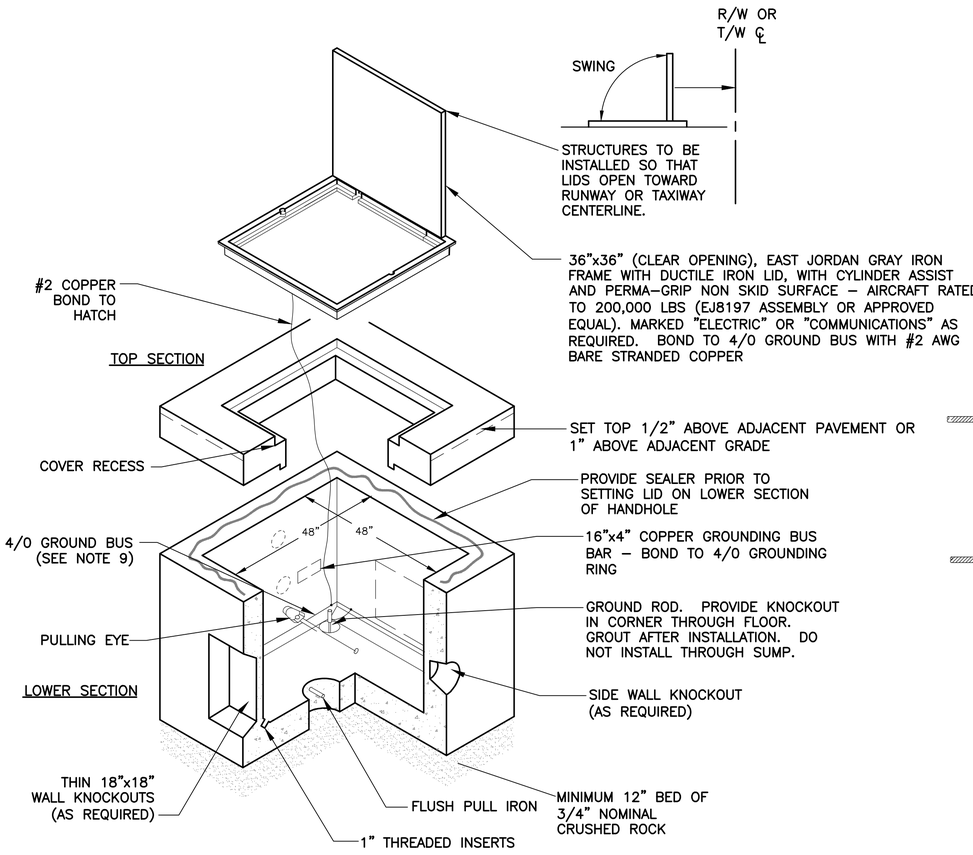
AIP NO.:
3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

ELECTRICAL DETAILS -
COUNTERPOISE AND GROUNDING

SHEET REFERENCE NUMBER:
EA-502

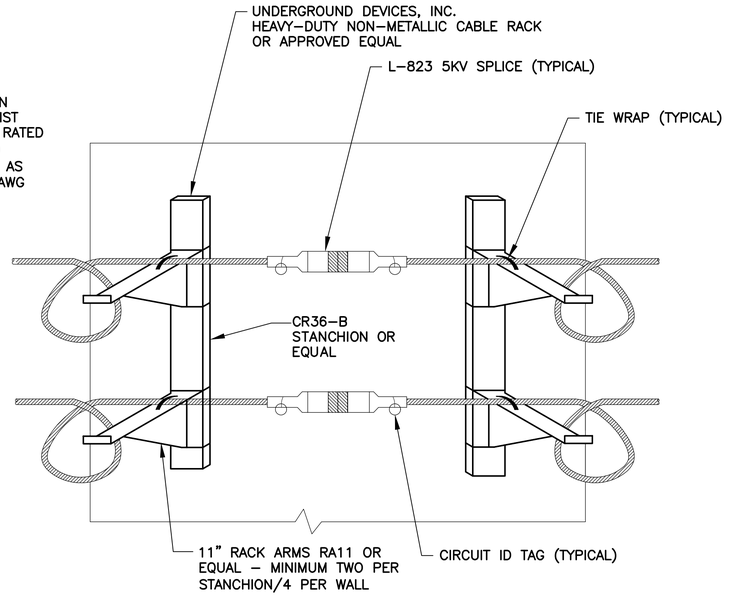
Q:\PROJECTS\18000\18006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 18006_EA-502-GMP4 COUNTERPOISE AND GROUNDING.dwg — Feb 26,2026 1:24pm



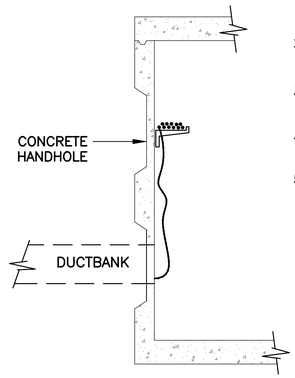
960 TYP 4'x4'x4' HANDHOLE DETAIL
NTS

HANDHOLE NOTES:

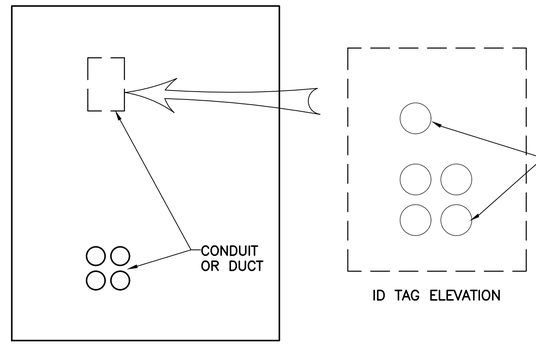
1. ALL STEEL, OTHER THAN REBAR, TO BE HOT DIPPED GALVANIZED AFTER FABRICATION.
2. PROVIDE ALL HANDHOLES WITH CABLE RACKS AND PULLING EYES PER SPECIFICATIONS.
3. PROVIDE CABLE ROUTING ID TAGS AT EACH HANDHOLE.
4. PROVIDE GROUND ROD FOR EACH HANDHOLE PER SPECIFICATIONS.
5. GROUT ALL CONDUIT PENETRATIONS.
6. PROVIDE MANUFACTURER DRAWINGS AND STRUCTURAL CALCULATIONS FOR ALL CONCRETE ELEMENTS OF HANDHOLES AND FABRICATED TRAFFIC LIDS.
7. NOTE: DO NOT CONNECT COUNTERPOISE TO GROUNDING SYSTEM. ROUTE AROUND HANDHOLES.
8. PROVIDE SUMP DRAIN WITH GRATE IN HANDHOLE STRUCTURE FLOOR. KNOCK BOTTOM OUT OF SUMP DURING INSTALLATION.
9. INSTALL #4/0 BARE STRANDED COPPER GROUNDING BUS, LOOP THE WALLS ONE (1) FOOT ABOVE THE FLOOR, EXOTHERMIC WELD TO GROUND ROD, UTILIZE #2 BARE STRANDED COPPER AND BOND GROUNDING BUS TO ALL TRAYS, RACKS, AND OTHER METAL HARDWARE (EXOTHERMIC WELDS TO BUS AND MECHANICAL CONNECTIONS TO HARDWARE).



A CABLE RACKING DETAIL
NTS



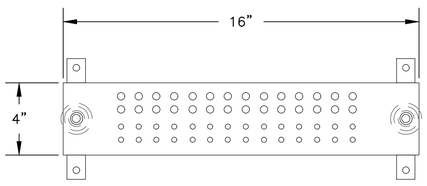
1. PROVIDE NON-METALLIC, NON-CONDUCTIVE, RACK ARMS, BOLTED TO CHANNELS INSET IN HANDHOLE WALLS. PROVIDE MIN. (2) ARMS FOR EVERY WALL.
2. CABLE RACKING SHALL BE LIMITED TO THE UPPER HALF OF THE HANDHOLE.
3. PROVIDE 2 CIRCUIT TAGS FOR EVERY L-823 CABLE SPLICE IN HH WITHIN 24" OF SPLICE.
4. PROVIDE A MIN. OF TEN FEET OF CABLE BETWEEN ENTRY POINT AND L-823 SPLICE.
5. RACK CABLES ON SIDE(S) OF ENTRY/EXIT CONDUITS.
   a. DUCT/CONDUIT ARRAY SHALL ENTER HANDHOLE IN LOWER HALF OF THE HANDHOLE.
   b. PROVIDE BELL END FOR EVERY CONDUIT IN THE ARRAY.
   c. GROUT AROUND/BETWEEN CONDUITS & CONCRETE WALL.



B CABLE ROUTING IDENTIFICATION TAG DETAIL
NTS

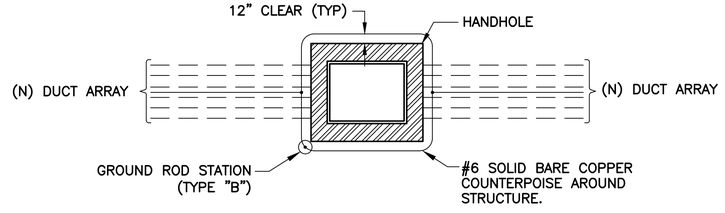
PLAQUE NOTES:

1. AFFIX ENGRAVED PHENOLIC TAGS TO THE WALL WITH SILICONE SEALANT ABOVE THE DUCT OR CONDUIT ENTRY IN A WAY THAT MIMICS THE ARRAY. WIRE BRUSH CONCRETE WALL TO ASSURE ADHESION.
2. THE TAGS SHALL BE APPROX 1"H x 2"L AND SHALL HAVE MINIMUM 1/4" LETTERING.



D GROUNDING BUSBAR
NTS

NOTE:
HUBBELL HBBB14416H OR APPROVED EQUAL. BOND INTERNAL CIRCUIT GROUNDING CONDUCTORS AS REQUIRED.



C HANDHOLE COUNTERPOISE DETAIL
NTS

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT EYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: NTS

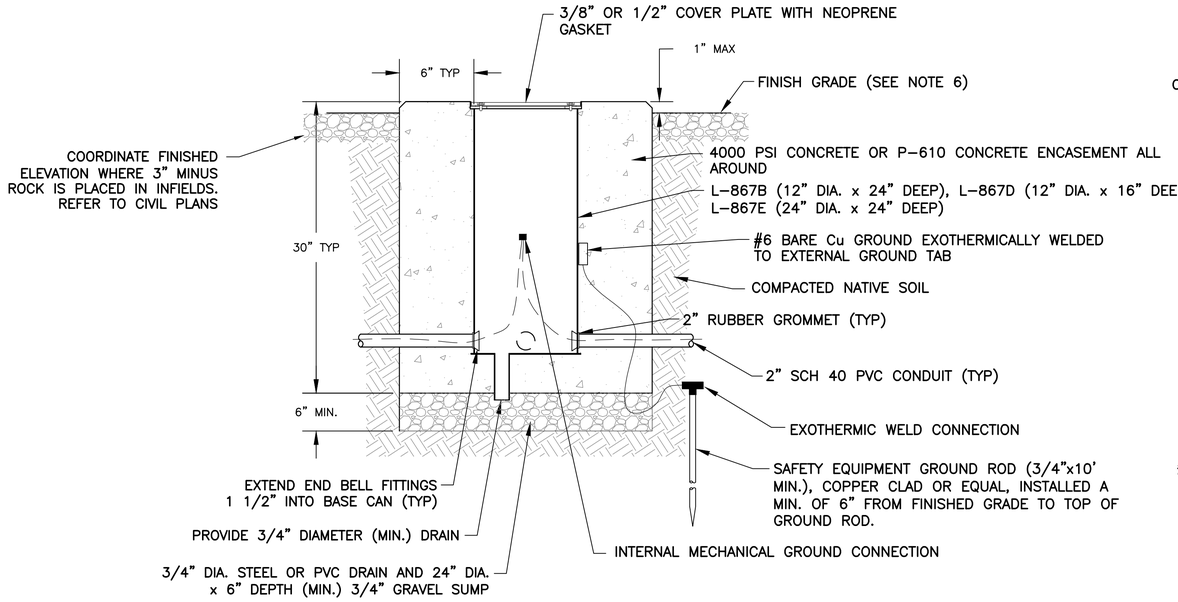
AIP NO.:
3-04-0028-XXX-TBD

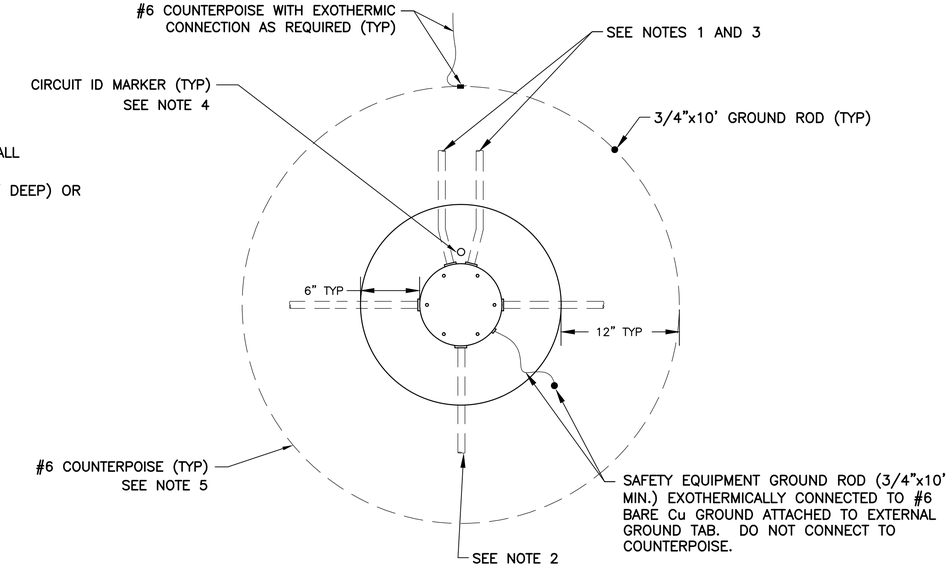
SHEET OVERVIEW TITLE
ELECTRICAL DETAILS - 4'x4'x4' HANDHOLE

SHEET REFERENCE NUMBER:
EA-503

SHEET 147 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Twy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006_EA-503-GMP4_4'x4'x4'_HANDHOLE.dwg — Feb 26,2026 1:25pm

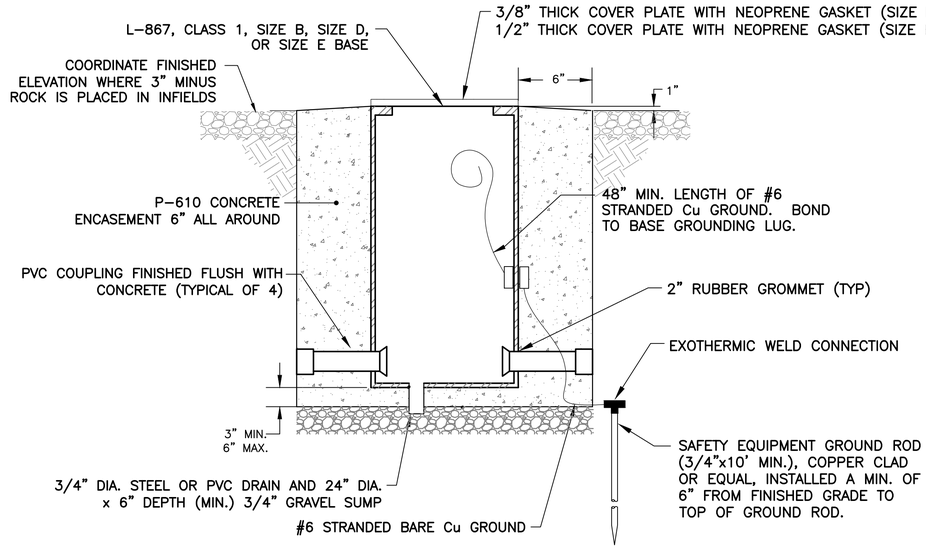




821 TYP JUNCTION CAN DETAIL
NTS

NOTES:

1. NUMBER OF JUNCTION CANS AND CONDUIT CONFIGURATIONS VARY. SEE LAYOUT PLAN SHEETS FOR ORIENTATION. PROVIDE 2" SPARE CONDUIT FOR EACH CIRCUIT AT TAXIWAY CROSSINGS.
2. CONDUITS WHICH ARE NOT USED IN THE PROJECT SHALL BE CAPPED 4" OUTSIDE OF CONCRETE.
3. ORIENT JUNCTION CAN AS SHOWN ON ELECTRICAL SITE PLANS.
4. CONTRACTOR SHALL PROVIDE A 2" DIAMETER DOMED BRONZE MARKER AT EACH JUNCTION AS SHOWN. MARKER SHALL BE STAMPED WITH CIRCUIT IDENTIFICATION AS SHOWN ON DETAIL 664, SHEET EA-506
5. INSTALL GROUND ROD AND COUNTERPOISE LOOP AT ALL JUNCTION CAN AS SHOWN. ONE GROUND ROD SHALL BE PROVIDED. COUNTERPOISE SHALL BE LOCATED NOMINALLY 6" ABOVE CONDUITS. DO NOT BOND TO JUNCTION CANS.
6. CONTRACTOR SHALL GRADE AROUND JUNCTION CAN AS NECESSARY TO PREVENT SILT/DIRT INFILTRATION ONTO JUNCTION CAN. NO SEPARATE PAYMENT SHALL BE MADE.
7. EACH JUNCTION CAN HAS 4-2" GROMMETED HUBS. HUBS SHALL BE PLACED IN TWO LAYERS AND THE HUBS IN ONE LAYER SHALL BE 90° FROM THE HUBS IN THE OTHER LAYER. EACH PAIR OF HUBS SHALL BE 180° APART. MODIFICATION MAY BE REQUIRED TO ADD SPARE CONDUIT ENTRY HUB. SEAL UNUSED OPENINGS AS REQUIRED.
8. JUNCTION CANS SHALL BE INSTALLED SUCH THAT THE TOP FLANGE IS FLUSH (+0, -1/8") WITH THE TOP OF CONCRETE



902 TYP PRE-CAST L-867 FIXTURE BASE/JUNCTION CAN
NTS

NOTES:

1. CONTRACTOR MAY FURNISH PRE-CAST CONCRETE JUNCTION CANS AND FIXTURE BASES FOR INSTALLATION IN UNPAVED SHOULDERS AND INFIELDS OR RETROFIT IN EXISTING PAVED SHOULDERS. REFER TO CIVIL PLANS FOR FINISHED GRADE AND MATERIALS.
2. ONE-PIECE SONOTUBES OF CORRECT DIAMETER FOR 6" MIN. CONCRETE SURROUND MAY BE UTILIZED FOR ONE-TIME USE ONLY. ROUND COLUMN FORMS SPECIFICALLY DESIGNED FOR MULTIPLE USE MAY BE USED.
3. CONTRACTOR SHALL SUBMIT ON SPECIFIC PRE-CAST MEANS AND METHODS FOR ENGINEER REVIEW AND APPROVAL.
4. REFER TO ELEVATED TAXIWAY AND/OR RUNWAY GUARD LIGHT FIXTURE AND COUNTERPOISE INSTALLATION DETAILS.

GENERAL NOTES:

1. LEAVE APPROXIMATELY SIX (6) FEET OF EACH CABLE COILED IN JUNCTION CAN SO THAT EACH CABLE MAY BE RAISED A MINIMUM OF TWO (2) FEET ABOVE TOP OF CAN.
2. CONTRACTOR SHALL PROVIDE CABLE CIRCUIT IDENTIFICATION (ID) MARKERS ATTACHED TO EACH CABLE ENTERING AND LEAVING JUNCTION CANS. IF NO L-823 CONNECTOR IS PRESENT, INSTALL ONE (1) ID MARKER.
3. TRANSITION FROM MULTI-WAY CONDUIT TRENCH TO JUNCTION CAN REQUIRES DISTRIBUTION OF 2" SCH 40 PVC TO EACH JUNCTION CAN. CONTRACTOR SHALL LIMIT CONDUIT BENDS TO 45 DEG. MAXIMUM.
4. CONTRACTOR SHALL INSTALL L-823 CONNECTORS IN A CONSISTENT MANNER FROM JUNCTION CAN TO THE NEXT. EACH SEGMENT OF #8 L-824C, 5KV CABLE IN THE AIRFIELD SHALL HAVE A MALE L-823 CONNECTOR ON ONE END AND A FEMALE CONNECTOR ON THE OTHER.

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS - GMP 4
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
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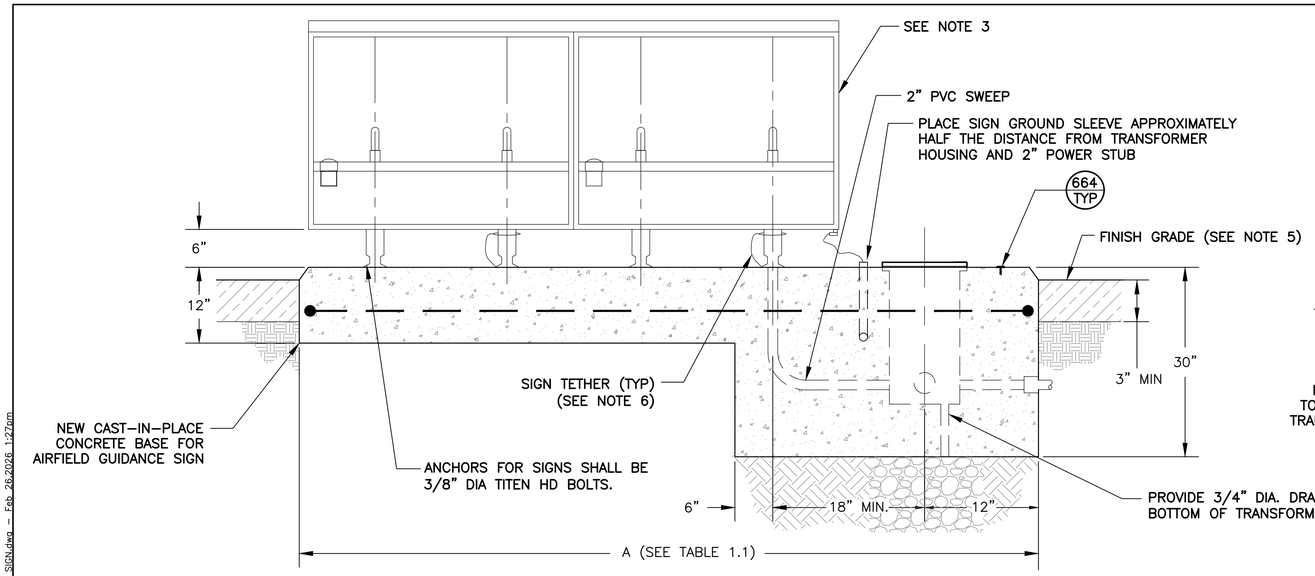
SHEET OVERVIEW TITLE
ELECTRICAL DETAILS - JUNCTION CAN

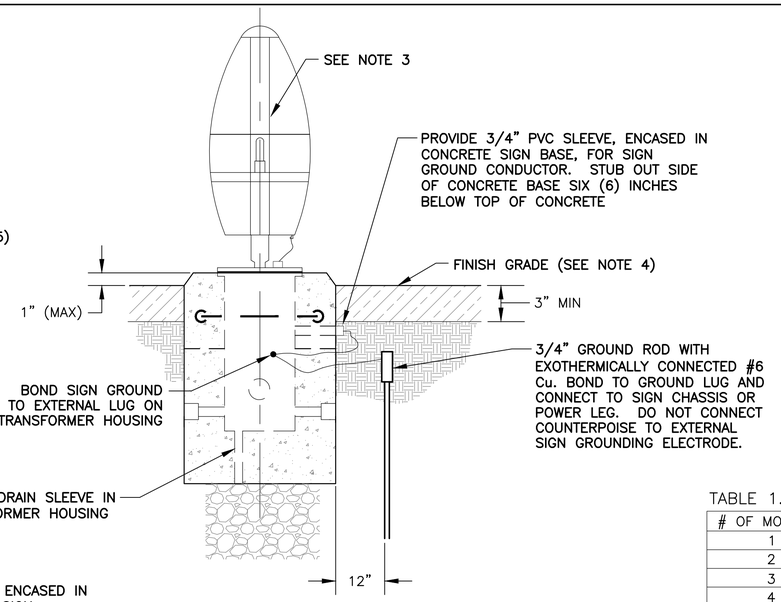
SHEET REFERENCE NUMBER:
EA-504

SHEET 148 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP#4\ 19006_EA-504-GMP4_JUNCTION_CAN.dwg — Feb 26,2026 - 1:26pm



SIDE VIEW

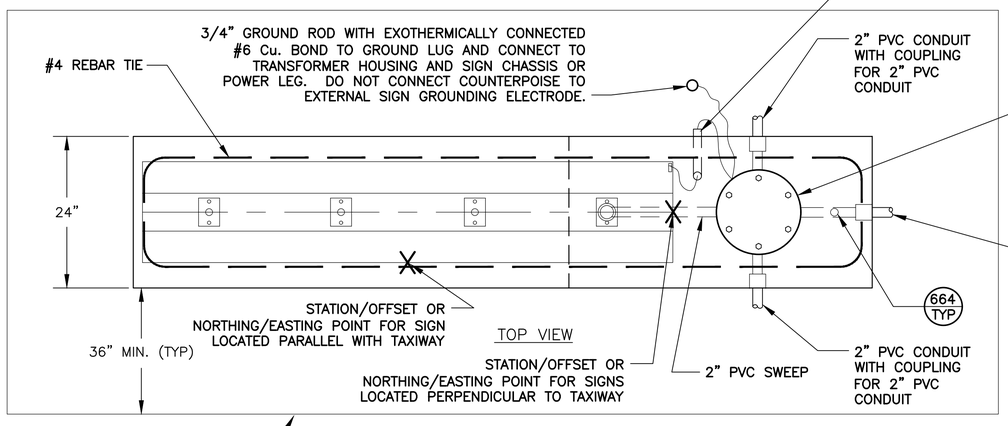


FRONT VIEW (CAN SIDE)

TABLE 1.1 (SIZE 1 SIGNS):

# OF MODULES	BASE LENGTH (A)
1	64"
2	93"
3	122"
4	151"

*ALL LENGTHS SHOWN ARE MINIMUM



919 TYP NEW CAST-IN-PLACE CONCRETE BASE FOR AIRFIELD GUIDANCE SIGN

NTS

NOTES

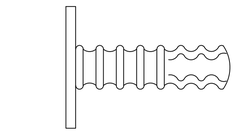
1. NEW CAST-IN-PLACE CONCRETE BASE SHOWN WITH A TWO MODULE SIGN FOR ILLUSTRATIVE PURPOSES ONLY. SEE TABLE 1.1 FOR ACTUAL LENGTH OF BASE NEEDED FOR MULTIPLE MODULE SIGNS.
2. BASE SHALL BE CONSTRUCTED LEVEL, 1" ABOVE FINISHED GRADE OF AREA WHERE BASE IS CONSTRUCTED.
3. TRANSFORMER HOUSING SHALL BE ORIENTED AT TAXIWAY/RUNWAY EDGE PER COP/DVT STANDARDS.
4. SIGNS SHALL BE EQUIPPED WITH DISCONNECTING SWITCH AND WEATHERPROOF COVER ON INBOARD END OF SIGN.
5. PROVIDE 36" MINIMUM ASPHALT MAINTENANCE/HOUSEKEEPING PAD AROUND EACH CONCRETE SIGN BASE IN UNPAVED AREAS – PER MAG SPEC 3" THICK ON COMPACTED BASE.
6. SIGN TETHER HARD ANCHOR POINTS MUST BE PROVIDED ON ONE SIGN MOUNTING LEG ABOVE THE FRANGIBLE BREAKING POINT. TETHER ANCHOR HARD POINTS MUST BE PROVIDED SO THAT ONE END OF THE TETHER ATTACHES TO THE SIGN STRUCTURE, AND THE OTHER END ATTACHES BELOW THE FRANGIBLE POINT ON THE COUPLING TO EITHER ONE OF THE LEG MOUNTING BOLTS OR AN INDEPENDENT BOLT IN THE SIGN CONCRETE MOUNTING PAD.

SIGN HEIGHTS AND LOCATION DISTANCES FOR TAXIWAY GUIDANCE SIGNS

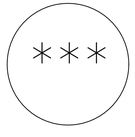
SIGN SIZE	LEGEND HEIGHT	LEGEND PANEL HEIGHT	INSTALLED* (MAX.)	PERPENDICULAR DISTANCE FROM DEFINED PAVMENT EDGE TO NEAR SIDE OF SIGN
1	12"	18"	30"	10' – 20'
2	15"	24"	36"	20' – 35'
3	18"	30"	42"	35' – 60'

* THE HEIGHT REFERRED TO IN THIS COLUMN IS THE DISTANCE FROM TOP OF THE SIGN TO GRADE MEASURED AT THE SIDE OF THE SIGN THAT IS NEAREST TO THE APPLICABLE RUNWAY, TAXIWAY, OR APRON. IN ACCORDANCE WITH PARAGRAPH 14, THIS HEIGHT SHOULD BE REDUCED, IF NECESSARY, TO PROVIDE THE REQUIRED 12-INCH CLEARANCE BETWEEN THE TOP OF THE SIGN AND THE CRITICAL AIRCRAFT.

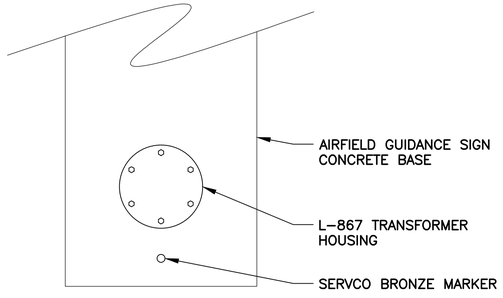
(SEE FAA ADVISORY CIRCULAR 150/5340-18G FOR FURTHER INFORMATION AND CLARIFICATION)



SERVCO BRONZE MARKER



***= TW D (TAXIWAY DELTA)



AIRFIELD GUIDANCE SIGN BASE MARKER LOCATION

664 TYP CIRCUIT IDENTIFICATION MARKER

NTS

NOTE:

1. STAMP CIRCUIT IDENTIFICATION INTO BASE MARKER WITH 1/2" CHARACTERS.
2. PROVIDE CIRCUIT ID MARKERS AT NEW SIGN BASES AND JUNCTION CANS.

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BY
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: NTS

AIP NO.:
3-04-0028-XXX-TBD

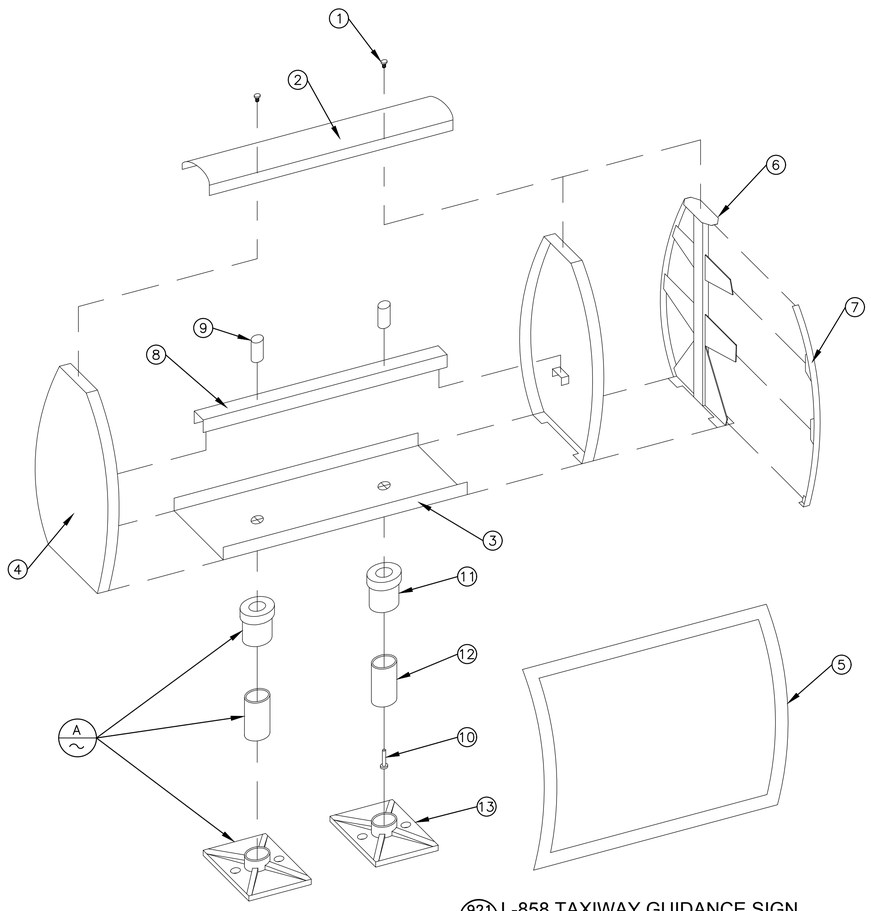
SHEET OVERVIEW TITLE

ELECTRICAL DETAILS - NEW CAST-IN-PLACE CONCRETE BASE FOR AIRFIELD GUIDANCE SIGN

SHEET REFERENCE NUMBER:
EA-505

SHEET 149 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Twy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA-505-GMP4 CAST-IN-PLACE CONCRETE BASE FOR AIRFIELD GUIDANCE SIGN.dwg - Feb 26,2026 1:27pm

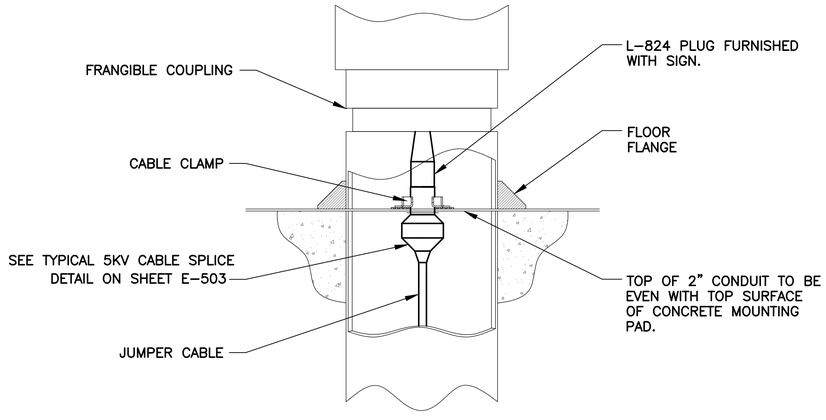


921 TYP L-858 TAXIWAY GUIDANCE SIGN
NTS

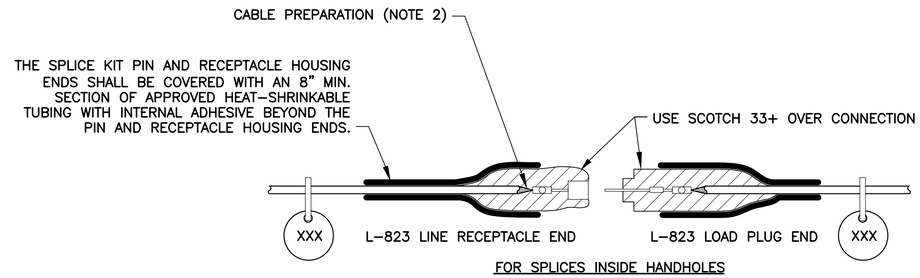
1. TURN FASTENERS
2. TOP COVER (SEE NOTE 4)
3. BASE (SIGN BOTTOM)
4. END PANEL (SEE NOTE 3)
5. LEGEND PANEL
6. SUPPORT JUNCTION
7. FACE INSERT PANEL JOINT
8. LAMP MOUNTING BAR
9. LAMP SOCKET
10. FAA L-823 PLUG
11. SLIP FLANGE
12. FRANGIBLE COUPLING (6" LENGTH)
13. FLOOR FLANGE

NOTES:

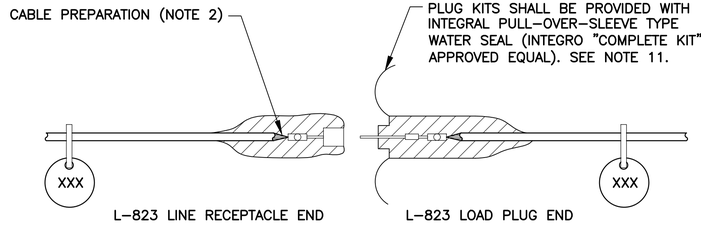
1. NEW AIRFIELD SIGNS SHALL BE OF A CURVED FACE DESIGN TO MAINTAIN SIMILAR APPEARANCE TO THAT OF EXISTING SIGNAGE AND TO FACILITATE ARRAY MODIFICATIONS.
2. WHEN JOINING TWO (2) SIGNS FOR ONE ARRAY, PROVIDE NEW SIZE 1 SUPPORT JUNCTION (TREE) AND SIZE 1 FACE INSERT PANEL JOINT (TRACK) OF THE CORRECT COLOR ADDED. DO NOT PROVIDE END PANELS IN THE MIDDLE OF THE ARRAY.
3. PROVIDE EXTERNAL DISCONNECT SWITCH IN WEATHERPROOF ENCLOSURE.
4. PROVIDE CURVED SIGN TOPS THAT PROVIDE ADDITIONAL SIGN PANEL SUPPORT IF AVAILABLE BY MANUFACTURER.



A TYP POWER/SUPPORT LEG
NTS



FOR SPLICES INSIDE HANDHOLES



FOR SPLICES INSIDE CANS

NOTES

1. PROVIDE MALE AND FEMALE L-823 CONNECTORS AS REQUIRED ON EACH CONDUCTOR IN EACH BASE, HANDHOLE, OR MANHOLE TO ALLOW ISOLATION OF HOMERUN CIRCUIT, NO STRAIGHT-THROUGH ALLOWED.
2. ALL CABLE ENDS SHALL BE PREPARED WITH THE USE OF A TAPERING TOOL SPECIFICALLY DESIGNED FOR USE WITH L-824 CABLES.
3. PLUG AND RECEPTACLE END FITTINGS SHALL BE CRIMPED ONTO THE CONDUCTOR BY USE OF AN AIRPORT PERSONNEL ACCEPTED RATCHETING TYPE CRIMPING TOOL.
4. AT THE POINT OF CONNECTION WITH THE EXISTING FIELD CIRCUITS, INSTALL NEW L-823 PLUGS ON BOTH THE NEW AND EXISTING CABLES. VERIFY INSULATION TYPES OF BOTH NEW & EXISTING CABLES AND COORDINATE WITH TERMINATION KITS TO ASSURE PROPER AND WATERPROOF FIT.
5. INSTALL SCOTCH 33+ VINYL ELECTRICAL TAPE ON CONNECTION AFTER PULLING SLEEVE OVER COMPLETE KIT.
6. THERE SHALL BE NO SPLICES BETWEEN LIGHTS, ONLY IN BASES OR HANDHOLES.
7. PROVIDE AND INSTALL NON-CONDUCTIVE CIRCUIT IDENTIFICATION TAGS ATTACHED TO EACH SIDE OF ALL CONNECTOR KITS.
8. ON THE CABLES FOR THE RUNWAY CIRCUIT, TAPE FROM THE BACK END OF THE CONNECTOR KIT ONTO CABLE FOR 3" EACH, RED PHASE TAPE FOR FASTER IDENTIFICATION AND MATCH EXISTING MANHOLE LAYOUTS.
9. ON THE CABLES FOR THE TAXIWAY AND SIGNAGE CIRCUITS, TAPE FROM THE BACK END OF THE CONNECTOR KIT ONTO CABLE FOR 3" EACH, BLUE THEN WHITE PHASE TAPE FOR SIGNS, BLUE ONLY PHASE TAPE FOR TAXIWAY EDGE LIGHTS, FOR FASTER IDENTIFICATION AND MATCH EXISTING MANHOLE LAYOUTS.
10. PRIMARY CONNECTOR KITS TYPES SHOWN ARE PER COP AIRFIELD MAINTENANCE STANDARDS.
11. IF AMERACE "SUPER" KITS ARE USED, COP REQUIRES REMOVAL OF ALL SLIP FIT PLASTIC SLEEVES USED TO SEAL KIT ENDS TO CABLE FROM THE L-824 CABLE.

925 TYP TYPICAL 5KV CABLE SPLICE
NTS

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: NTS

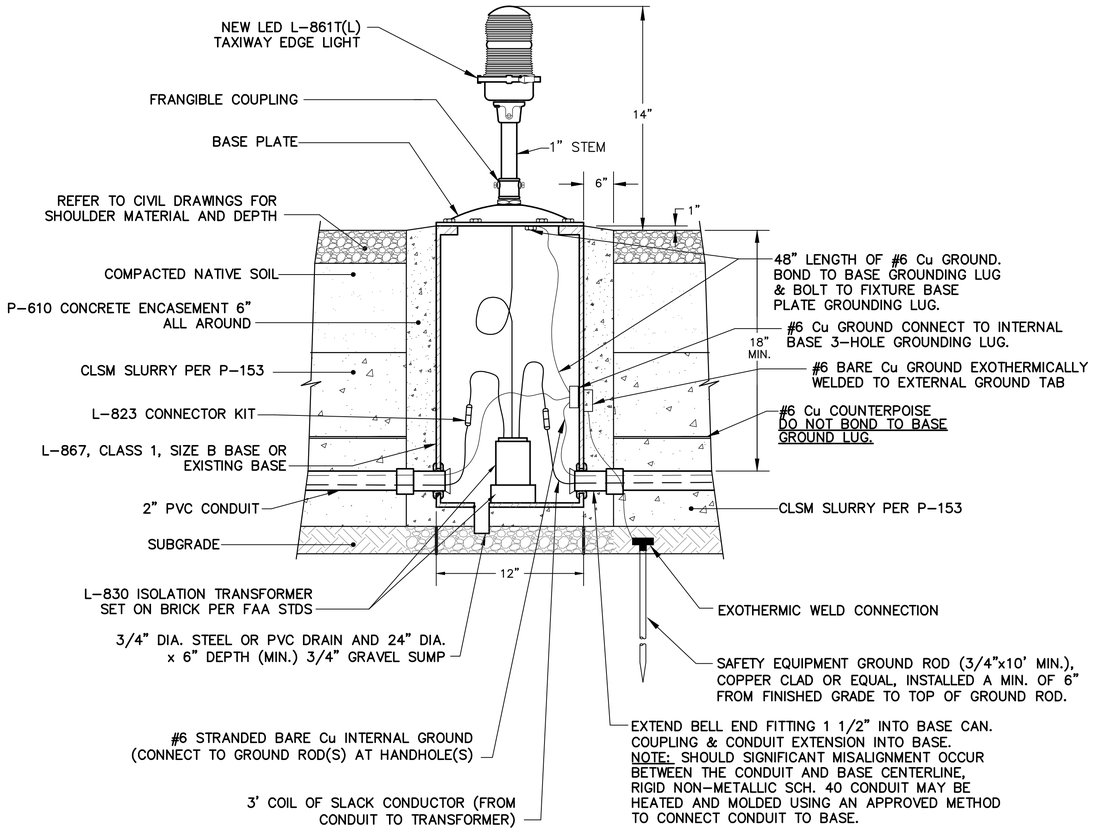
AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE
ELECTRICAL DETAILS - L-858 AIRFIELD GUIDANCE SIGN AND 5KV CABLE SPLICE

SHEET REFERENCE NUMBER:
EA-506

SHEET 150 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA-506-GMP4 L-858 SIGN AND 5KV CABLE SPLICE.dwg - Feb 26,2026 1:28pm



891 TYP ELEVATED TAXIWAY EDGE LIGHT DETAIL

NTS

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3-04-0028-XXX-TBD

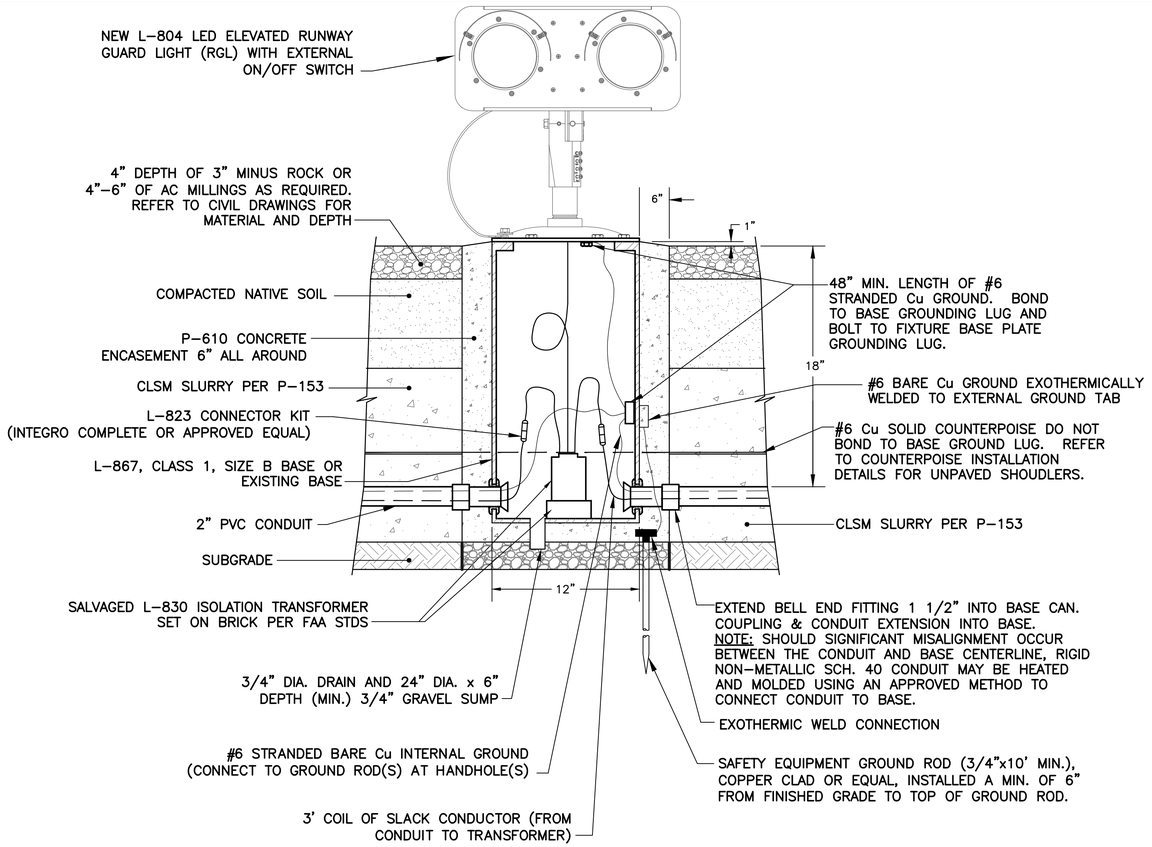
SHEET OVERVIEW TITLE

ELECTRICAL DETAILS - ELEVATED TAXIWAY EDGE LIGHT

SHEET REFERENCE NUMBER:
EA-507

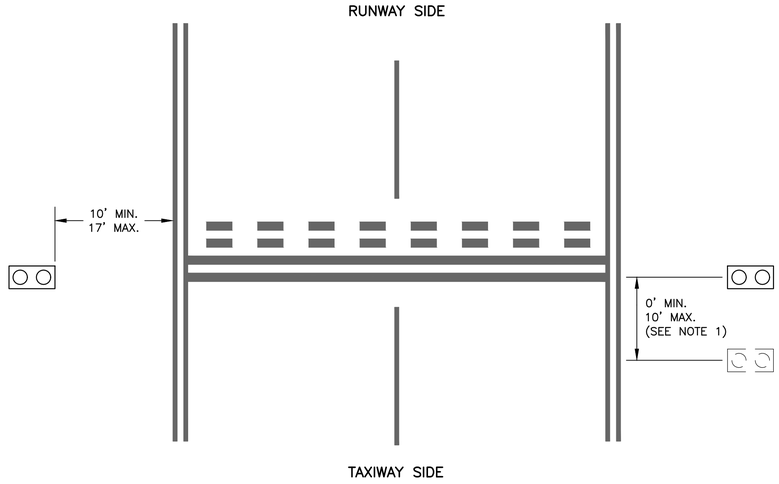
SHEET 151 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\19006_EA-507-GMP4_ELEVATED_TAXIWAY_EDGE_LIGHT.dwg - Feb 26,2026 1:28pm



870 TYP ELEVATED RUNWAY GUARD LIGHT DETAIL

NTS

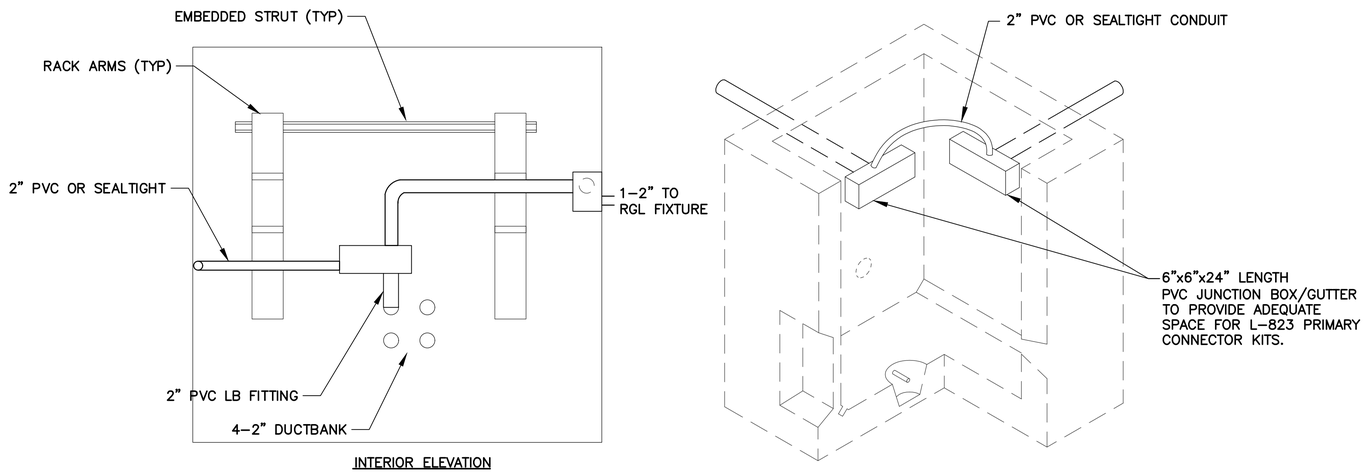


876 TYP RUNWAY GUARD LIGHT CONFIGURATION

NTS

NOTES:

1. THE ELEVATED RUNWAY GUARD LIGHT MAY BE MOVED UP TO 10 FEET MAX. AWAY FROM THE RUNWAY TO AVOID UNDESIRABLE SPOTS. CONTRACTOR SHALL OBTAIN APPROVAL FROM ENGINEER FOR EACH SUCH ADJUSTMENT.
2. CONTRACTOR SHALL ACCURATELY SURVEY AND MEASURE THE ACTUAL CONSTRUCTED LOCATION OF EACH RGL AND INCLUDE IN THE PROJECT RECORD DRAWINGS.

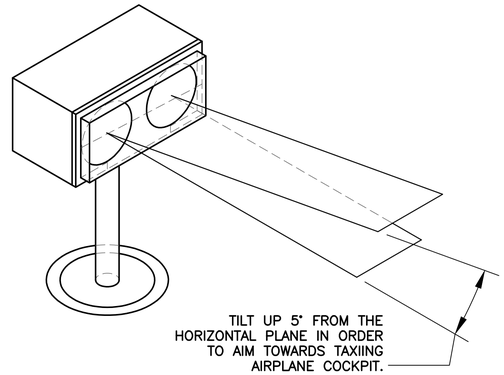


571 TYP RGL CIRCUIT ISOLATION SYSTEM DETAIL

NTS

NOTES:

1. RUNWAY GUARD LIGHT CIRCUITS SHALL BE CONTAINED IN PVC JUNCTION BOXES, CONNECTED WITH 2" PVC CONDUIT OR SEALTIGHT CONDUIT BETWEEN RGL CIRCUIT CONDUIT ENTRIES WITHIN ALL MANHOLES/HANDHOLES.
2. INSTALL NEW CONDUITS WITHIN HANDHOLES AGAINST WALLS AND ROUTE AS REQUIRED TO AVOID RACK ARMS.
3. CONNECT NEW RGL CONDUIT TO EXISTING PVC JUNCTION BOXES AT EXISTING HANDHOLES.



871 TYP ELEVATED RUNWAY GUARD LIGHT AIMING DETAIL

NTS

NOTES:

1. AIM THE CENTER OF THE LIGHT BEAM INWARD, TOWARD THE T/W CENTERLINE/AIRCRAFT COCKPIT WHEN THE AIRCRAFT IS BETWEEN 150' AND 200' FROM THE HOLDING POSITION, ALONG THE PREDOMINANT PATH/T/W CENTERLINE TO THE HOLDING POSITION. FIELD VERIFY ALL MEASUREMENTS AND AIMING ANGLES SINCE THE TAXIWAYS HAVE DIFFERENT CONFIGURATIONS.
2. AT LOCATIONS WHERE A DISTANT AIMING POINT IS NOT PRACTICAL, AIM THE LIGHTS PARALLEL TO THE ASSOCIATED TAXIWAY CENTERLINE OR AS DIRECTED BY THE AIRPORT OPERATIONS.

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CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
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AV31000092 FAA

Designed by:	SW
Drawn by:	JBW
Checked by:	CA
Date:	02/25/2026
Dwg scale:	NTS

AIP NO.: 3-04-0028-XXX-TBD

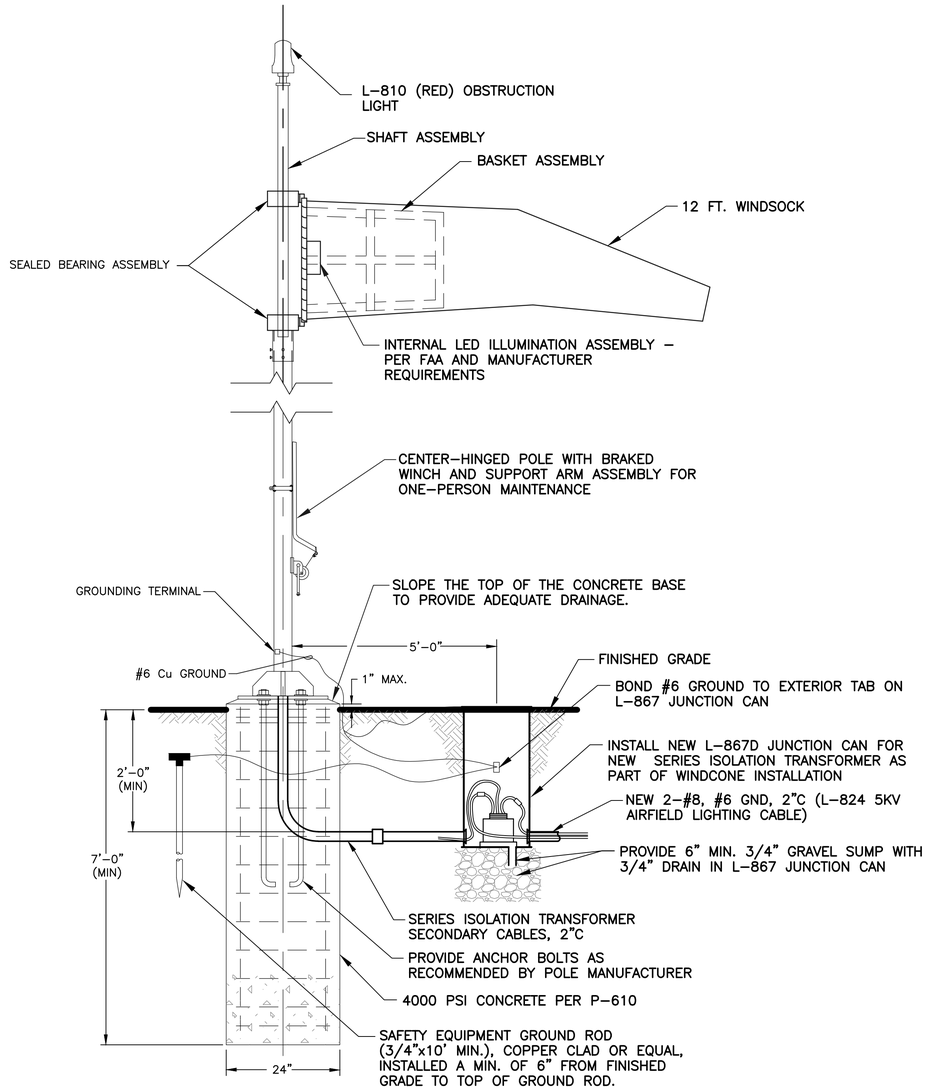
SHEET OVERVIEW TITLE

ELECTRICAL DETAILS - RUNWAY GUARD LIGHT

SHEET REFERENCE NUMBER:
EA-508

SHEET 152 OF 161

Q:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA-508-GMP4 RUNWAY GUARD LIGHT.dwg - Feb 26,2026 1:23pm



100 TYP INTERNALLY LIGHTED LED PRIMARY WINDCONE (L-807(L))

NTS

NOTES

1. THE POLE CONCRETE BASE DETAIL IS SHOWN FOR ELECTRICAL ROUGH–IN AND SHALL NOT BE USED FOR THE ACTUAL BASE CONSTRUCTION. POLE BASE SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF ARIZONA AND CONSTRUCTED PER LICENSED ENGINEER'S SEALED CONSTRUCTION DOCUMENT. COST FOR ENGINEERING FOUNDATION IS INCIDENTAL TO THE INSTALLATION. NO SEPARATE PAYMENT WILL BE MADE.
2. CONTRACTOR SHALL INCLUDE FOUNDATION, GROUNDING, WIRING FROM CAN TO WINDCONE AND ANY OTHER INCIDENTALS AS PART OF INSTALLATION OF WINDCONE.
3. FOUNDATIONS AND JUNCTION CANS SHALL BE CONSTRUCTED NO MORE THAN 1" ABOVE FINISHED GRADE.

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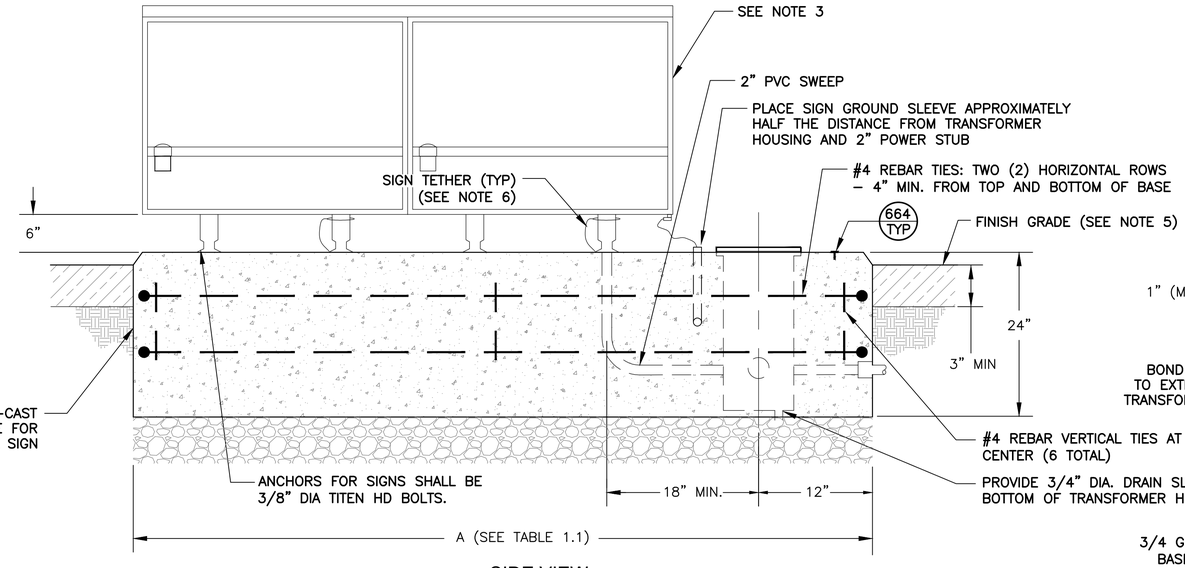
SHEET OVERVIEW TITLE

ELECTRIFCAL DETAILS - NEW PRIMARY WINDCONE INSTALLATION

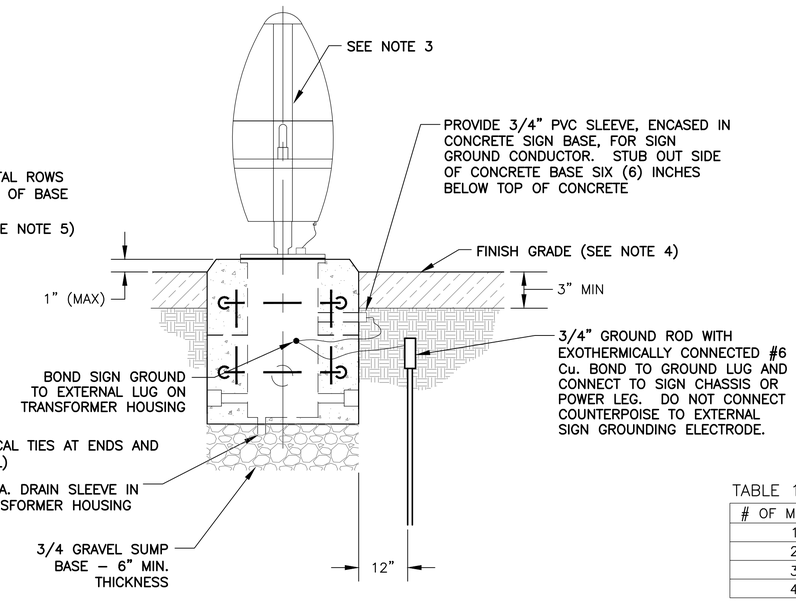
SHEET REFERENCE NUMBER:
EA-509

SHEET 153 OF 161

G:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA–509–GMP4 PRIMARY WINDCONE.dwg – Feb. 26,2026 1:30pm



SIDE VIEW

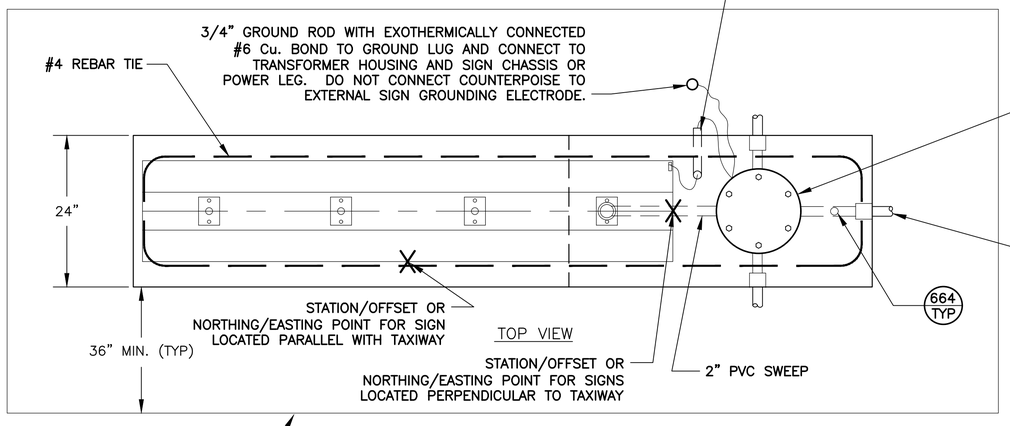


FRONT VIEW (CAN SIDE)

TABLE 1.1 (SIZE 1 SIGNS):

# OF MODULES	BASE LENGTH (A)
1	64"
2	93"
3	122"
4	151"

*ALL LENGTHS SHOWN ARE MINIMUM



920 TYP NEW PRE-CAST CONCRETE BASE FOR AIRFIELD GUIDANCE SIGN

NTS

NOTES

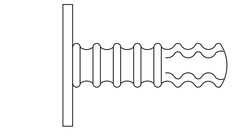
1. NEW PRE-CAST CONCRETE BASE SHOWN WITH A TWO MODULE SIGN FOR ILLUSTRATIVE PURPOSES ONLY. SEE TABLE 1.1 FOR ACTUAL LENGTH OF BASE NEEDED FOR MULTIPLE MODULE SIGNS.
2. BASE SHALL BE CONSTRUCTED LEVEL, 1" ABOVE FINISHED GRADE OF AREA WHERE BASE IS CONSTRUCTED.
3. TRANSFORMER HOUSING SHALL BE ORIENTED AT TAXIWAY/RUNWAY EDGE PER COP/DVT STANDARDS.
4. SIGNS SHALL BE EQUIPPED WITH DISCONNECTING SWITCH AND WEATHERPROOF COVER ON INBOARD END OF SIGN.
5. PROVIDE 36" MINIMUM ASPHALT MAINTENANCE/HOUSEKEEPING PAD AROUND EACH CONCRETE SIGN BASE IN UNPAVED AREAS – PER MAG SPEC 3" THICK ON COMPACTED BASE.
6. SIGN TETHER HARD ANCHOR POINTS MUST BE PROVIDED ON ONE SIGN MOUNTING LEG ABOVE THE FRANGIBLE BREAKING POINT. TETHER ANCHOR HARD POINTS MUST BE PROVIDED SO THAT ONE END OF THE TETHER ATTACHES TO THE SIGN STRUCTURE, AND THE OTHER END ATTACHES BELOW THE FRANGIBLE POINT ON THE COUPLING TO EITHER ONE OF THE LEG MOUNTING BOLTS OR AN INDEPENDENT BOLT IN THE SIGN CONCRETE MOUNTING PAD.

SIGN HEIGHTS AND LOCATION DISTANCES FOR TAXIWAY GUIDANCE SIGNS

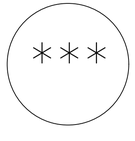
SIGN SIZE	LEGEND HEIGHT	LEGEND PANEL HEIGHT	INSTALLED* (MAX.)	PERPENDICULAR DISTANCE FROM DEFINED PAVMENT EDGE TO NEAR SIDE OF SIGN
1	12"	18"	30"	10' – 20'
2	15"	24"	36"	20' – 35'
3	18"	30"	42"	35' – 60'

* THE HEIGHT REFERRED TO IN THIS COLUMN IS THE DISTANCE FROM TOP OF THE SIGN TO GRADE MEASURED AT THE SIDE OF THE SIGN THAT IS NEAREST TO THE APPLICABLE RUNWAY, TAXIWAY, OR APRON. IN ACCORDANCE WITH PARAGRAPH 14, THIS HEIGHT SHOULD BE REDUCED, IF NECESSARY, TO PROVIDE THE REQUIRED 12-INCH CLEARANCE BETWEEN THE TOP OF THE SIGN AND THE CRITICAL AIRCRAFT.

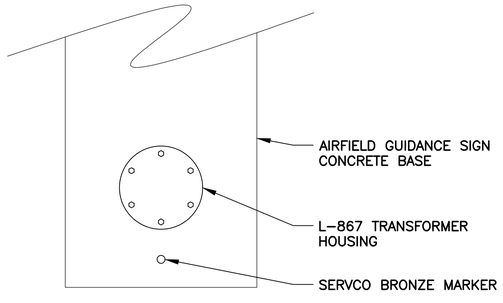
(SEE FAA ADVISORY CIRCULAR 150/5340-18G FOR FURTHER INFORMATION AND CLARIFICATION)



SERVCO BRONZE MARKER



***= TW D (TAXIWAY DELTA)



AIRFIELD GUIDANCE SIGN BASE MARKER LOCATION

664 TYP CIRCUIT IDENTIFICATION MARKER

NTS

NOTE:

1. STAMP CIRCUIT IDENTIFICATION INTO BASE MARKER WITH 1/2" CHARACTERS.

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Date: 02/25/2026
Dwg scale: NTS

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

ELECTRICAL DETAILS - NEW PRE-CAST CONCRETE BASE FOR AIRFIELD GUIDANCE SIGN

SHEET REFERENCE NUMBER: EA-510

D:\PROJECTS\19000\19006 DVT Relocate Twy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA-510-GMP4 PRE-CAST CONCRETE BASE FOR AIRFIELD GUIDANCE SIGN.dwg - Feb 26,2026 1:31pm

SIGN NUMBER	SIGN WITH FACE DESIGNATIONS	FACE A MESSAGE	FACE B MESSAGE	FACE A COLOR	FACE B COLOR	SIZE	STYLE	CLASS	SHEET NUMBER	SCOPE OF WORK
SGN-1	A / B: B4 | 7L-25R	BLANK	B4 | 7L | –2 | 5R	B	Y/B | W/R | W/R | W/R	1	2	2	EA-101	NEW L-858(L), SIZE 1, 4-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-2	A / B: VFR WESTBOUND DEPARTS CONTACT LUKE APPROACH CONTROL 118.15	BLANK	**	B	B/Y	2	2	2	EA-101	NEW L-858(L), SIZE 2, 2-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-3	A / B: ← B4	BLANK	← | B4	B	B/Y | B/Y	1	2	2	EA-101	NEW L-858(L), SIZE 1, 2-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-4	A / B: ← B | B4	BLANK	← B | B4	B	B/Y | Y/B	1	2	2	EA-101	NEW L-858(L), SIZE 1, 2-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-5	A / B: B | B4 →	BLANK	B | B4 | →	B	Y/B | B/Y | B/Y	1	2	2	EA-101	NEW L-858(L), SIZE 1, 3-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-6	A / B: B5 →	BLANK	B5 | →	B	B/Y | B/Y	1	2	2	EA-102	NEW L-858(L), SIZE 1, 2-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-7	A / B: B5 | 7L-25R	BLANK	B5 | 7L | –2 | 5R	B	Y/B | W/R | W/R | W/R	1	2	2	EA-102	NEW L-858(L), SIZE 1, 4-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-8	A / B: ← B5 | B	BLANK	← | B5 | B	B	B/Y | B/Y | Y/B	1	2	2	EA-102	NEW L-858(L), SIZE 1, 3-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-9	A / B: B5 | ← B →	BLANK	B5 | ← B | →	B	Y/B | B/Y | B/Y	1	2	2	EA-102	NEW L-858(L), SIZE 1, 3-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-10	A / B: ← B5	BLANK	← | B5	B	B/Y | B/Y	1	2	2	EA-103	NEW L-858(L), SIZE 1, 2-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-11	A / B: ↖ B6 | B	BLANK	↖ | B6 | B	B	B/Y | B/Y | Y/B	1	2	2	EA-103	NEW L-858(L), SIZE 1, 3-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-12	A / B: B6 | 7L-25R	BLANK	B6 | 7L | –2 | 5R	B	Y/B | W/R | W/R | W/R	1	2	2	EA-103	NEW L-858(L), SIZE 1, 4-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-13	A / B: ↖ B6	BLANK	↖ | B6	B	B/Y | B/Y	1	2	2	EA-104	NEW L-858(L), SIZE 1, 2-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-14	A / B: B6 | ← B →	BLANK	B6 | ← B | →	B	Y/B | B/Y | B/Y	1	2	2	EA-104	NEW L-858(L), SIZE 1, 3-MODULE (2-MOD + 3-MOD) SIGN AND ISOLATION TRANSFORMER ON NEW DOUBLE-ENDED SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-15	A / B: ← B8 | B	BLANK	← | B8 | B	B	B/Y | B/Y | Y/B	1	2	2	EA-107	NEW L-858(L), SIZE 1, 3-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-16	A / B: B8 | ← B →	EXISTING	B8 | ← B | →	EXISTING	Y/B | B/Y | B/Y	1	2	2	EA-107	INSTALL NEW SIZE 1 SIGN PANELS IN EXISTING SIGN

NOTES

1. MODULE SIZES ARE GIVEN FOR ESTIMATION ONLY AND ARE SUBJECT TO CHANGE BY SIGN MANUFACTURER
2. CONTRACTOR SHALL PERFORM AND SUBMIT COMPLETE FIELD SURVEY/RECORD DRAWINGS FOR ALL EQUIPMENT PRIOR TO FINAL PAYMENT.

** = VFR WESTBOUND DEPARTS CONTACT LUKE APPROACH CONTROL 118.15

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"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF CONTRACTOR'S CONTRACT WITH THE CITY OF PHOENIX"

NO	REVISIONS / SUBMISSIONS	DATE
2	RFI-0007	12/15/25

PHX DVT
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	SW
Drawn by:	JBW
Checked by:	CA
Date:	02/25/2026
Dwg scale:	NTS

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

AIRFIELD GUIDANCE SIGN SCHEDULE

SHEET REFERENCE NUMBER:
EA-601

SHEET 155 OF 161

O:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA-601-GMP4 AIRFIELD GUIDANCE SIGN SCHEDULE.dwg — Feb 26,2026 - 1:32pm

SIGN NUMBER	SIGN WITH FACE DESIGNATIONS	FACE A MESSAGE	FACE B MESSAGE	FACE A COLOR	FACE B COLOR	SIZE	STYLE	CLASS	SHEET NUMBER	SCOPE OF WORK
SGN-17	A / B: B4 ← B →	BLANK	B4 | ← B | →	B	Y/B | B/Y | B/Y	1	2	2	EA-101	NEW L-858(L), SIZE 1, 3-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-18	A / B: ← B4	BLANK	← | B4	B	B/Y | B/Y	1	2	2	EA-108	NEW L-858(L), SIZE 1, 2-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-19	A / B: B4 →	BLANK	B4 | →	B	B/Y | B/Y	1	2	2	EA-108	NEW L-858(L), SIZE 1, 2-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-20	A / B: B4 25L-7R	BLANK	B4 | 25 | L- | 7R	B	Y/B | W/R | W/R | W/R	1	2	2	EA-108	NEW L-858(L), SIZE 1, 4-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-21	A / B: ← B4 B	BLANK	← | B4 | B	B	B/Y | B/Y | Y/B	1	2	2	EA-101	NEW L-858(L), SIZE 1, 3-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-22	A / B: B B5 →	BLANK	B | B5 | →	B	Y/B | B/Y | B/Y	1	2	2	EA-102	NEW L-858(L), SIZE 1, 3-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.
SGN-23	A / B: B B6 ↘	BLANK	B | B6 | ↘	B	Y/B | B/Y | B/Y	1	2	2	EA-104	NEW L-858(L), SIZE 1, 3-MODULE SIGN AND ISOLATION TRANSFORMER ON NEW SIGN BASE WITH ASPHALT MAINTENANCE PAD.

NOTES

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PHX DVT BYR

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

AIP NO.:
3-04-0028-XXX-TBD

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: NTS

SHEET OVERVIEW TITLE

AIRFIELD GUIDANCE SIGN SCHEDULE

SHEET REFERENCE NUMBER:
EA-602

G:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA-601-GMP4 AIRFIELD GUIDANCE SIGN SCHEDULE.dwg — Feb 26,2026 - 1:33pm

NEW TAXIWAY EDGE LIGHT LOCATIONS

(SEE GENERAL NOTES ON SHEET EA-605)

FIXTURE #	STATION	OFFSET	CIRCUIT	BASE	LAMP	TRANSFORMER	TYPE
TEL-1	104+42.35	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-2	104+17.06	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-3	103+91.77	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-4	103+66.48	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-5	103+50.00	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-6	103+33.52	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-7	103+9.02	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-8	102+84.51	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-9	102+60.00	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-10	102+22.47	19.04' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-11	33+24.81	07.80' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-12	33+54.06	30.79' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-13	101+46.22	56.82' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-14	101+19.64	49.86' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-15	100+93.06	42.90' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-16	100+66.48	35.94' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-17	100+44.32	34.87' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-18	100+22.16	33.80' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-19	100+00.00	32.73' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-20	99+77.84	33.80' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-21	99+55.68	34.87' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-22	99+33.52	35.94' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-23	99+09.99	42.10' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-24	98+86.46	48.27' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-25	98+62.92	54.43' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-26	98+62.91	54.43' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-27	98+86.45	48.27' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-28	99+09.99	42.10' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-29	99+33.52	35.94' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-30	99+55.68	34.87' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-31	99+77.84	33.80' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-32	100+00.00	32.73' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-33	100+22.16	33.80' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-34	100+44.32	34.87' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-35	100+66.48	35.94' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-36	100+92.25	42.69' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-37	101+18.03	49.44' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-38	101+43.81	56.19' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-39	35+34.98	46.06' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-40	35+73.65	35.94' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-41	37+29.96	28.39' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-42	38+86.43	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-43	39+53.19	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-44	40+19.95	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-45	40+86.71	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-46	41+53.48	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-47	42+59.71	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-48	43+65.95	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-49	44+64.82	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-50	45+63.69	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-51	46+62.56	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-52	48+41.91	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-53	50+21.25	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-54	52+0.60	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-55	53+79.95	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-56	55+59.30	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-57	57+38.65	27.50' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-58	57+38.65	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-59	55+59.30	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-60	53+79.95	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-61	52+0.60	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-62	50+21.07	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-63	48+41.91	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-64	46+62.56	32.97' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-65	46+24.01	39.89 LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-66	45+85.47	46.80' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-67	45+62.63	59.61' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-68	103+78.14	59.61' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-69	104+0.98	46.80' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-70	104+24.08	42.66' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-71	104+47.19	38.51' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-72	104+70.30	34.36' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-73	104+95.64	36.31' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-74	105+20.98	38.25' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-75	105+46.32	40.20' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-76	105+71.66	42.14' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-77	105+97.00	44.09' RT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-78	105+25.31	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-79	104+97.80	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-80	104+70.30	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-81	104+46.28	27.50' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-82	104+24.08	28.98' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-83	104+0.98	30.75' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-84	103+55.37	34.26' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-85	103+09.76	37.76' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-86	102+64.15	41.26' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-87	102+18.54	44.76' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-88	42+59.71	36.60' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-89	41+53.48	35.94' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)
TEL-90	41+14.81	46.06' LT	TAXIWAY B	L-867	LED	10/15W	L-861T(L)

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NO	REVISIONS / SUBMISSIONS	DATE

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PHX DVT BYR

CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by:	SW
Drawn by:	JBW
Checked by:	CA
Date:	02/25/2026
Dwg scale:	NTS

AIP NO.:
3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE

EQUIPMENT DATA TABLES

SHEET REFERENCE NUMBER:
EA-603

G:\PROJECTS\19000\19006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA-603-GMP4 EQUIPMENT DATA TABLES-1.dwg -- Feb 26,2026 1:33pm

NEW TAXIWAY LIGHT LOCATIONS CONTINUED.....

TEL–91	102+56.19	56.19' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–92	102+81.97	49.44' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–93	103+07.75	42.69' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–94	103+33.52	35.94' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–95	103+50.00	35.14' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–96	103+66.48	35.94' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–97	103+92.25	42.69' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–98	104+18.03	49.44' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–99	104+43.81	56.19' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–100	104+49.70	78.71' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–101	104+49.72	78.76' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–102	104+43.81	56.19' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–103	104+18.03	49.44' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–104	103+92.25	42.69' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–105	103+66.48	35.94' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–106	103+50.00	35.14' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–107	103+33.52	35.94' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–108	103+07.75	42.69' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–109	102+81.97	49.44' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–110	102+56.19	56.19' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–111	39+25.09	46.06' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–112	38+86.43	35.94' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–113	37+29.96	28.38' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–114	35+73.65	30.14' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–115	35+33.65	32.07' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–116	34+93.65	34.01' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–117	34+53.65	35.94' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–118	34+14.98	46.06' LT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–119	102+56.19	56.19' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–120	102+81.97	49.44' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–121	103+07.75	42.69' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–122	103+33.52	35.94' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–123	103+50.00	35.14' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–124	103+66.48	35.94' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–125	103+92.25	42.69' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–126	104+17.85	49.44' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–127	104+43.81	56.19' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–128	104+49.46	77.78' RT	TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–129	EXISTING		TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–130	EXISTING		TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–131	EXISTING		TAXIWAY B	L–867	LED	10/15W	L–861T(L)
TEL–132	EXISTING		TAXIWAY B	L–867	LED	10/15W	L–861T(L)

- TEL–1 THROUGH TEL–10 AND TEL–119 THROUGH TEL–128 ARE MEASURED FROM THE NORTH ALIGNMENT ON NEW TAXIWAY B4
- TEL–11 AND TEL–12, TEL–39 THROUGH TEL–67, TEL–88 THROUGH TEL–90, AND TEL–111 THROUGH TEL–118 ARE MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B
- TEL–13 THROUGH TEL–38 ARE MEASURED FROM THE SOUTH ALIGNMENT ON NEW TAXIWAY B4
- TEL–68 THROUGH TEL–87 ARE MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B6
- TEL–91 THROUGH TEL–110 ARE MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B5

NEW AIRFIELD GUIDANCE SIGN LOCATIONS

SIGN	STATION	OFFSET
SGN–1	103+00.50	35.50' LT
SGN–2	103+00.50	49.50' LT
SGN–3	104+44.44	99.96' RT
SGN–4	102+66.53	61.15' RT
SGN–5	34+25.82	50.89' LT
SGN–6	104+44.61	98.80' LT
SGN–7	103+0.50	54.25' LT
SGN–8	39+44.87	58.91' LT
SGN–9	102+72.32	59.63' RT
SGN–10	104+44.60	96.34' RT
SGN–11	43+52.30	51.68' LT
SGN–12	103+42.14	45.24' LT
SGN–13	106+2.58	56.93' RT
SGN–14	103+97.03	73.95' RT
SGN–15	59+76.98	59.45' LT
SGN–16	EXISTING	
SGN–17	101+30.74	60.43' LT
SGN–18	98+68.33	65.99' LT
SGN–19	98+68.35	66.18' RT
SGN–20	100+49.50	43.11' RT
SGN–21	35+13.54	59.34' RT
SGN–22	40+78.64	35.50' RT
SGN–23	45+67.99	35.50' RT

- SGN–1 THROUGH SGN–4 ARE MEASURED FROM THE NORTH ALIGNMENT ON NEW TAXIWAY B4
- SGN–5, SGN–8, SGN–11, SGN–15, AND SGN–21 THROUGH SGN–23 ARE MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B
- SGN–6, SGN–7, SGN–9, AND SGN–10 ARE MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B5
- SGN–17 THROUGH SGN–20 ARE MEASURED FROM THE SOUTH ALIGNMENT ON NEW TAXIWAY B4

NEW HANDHOLE LOCATIONS

HH–X	STATION	OFFSET	SIZE
HH–1	102+73.14	50.00' LT	4'x4'x4'
HH–2	102+73.61	75.00' RT	4'x4'x4'
HH–3	102+88.26	65.00' LT	4'x4'x4'
HH–4	102+88.74	65.00' RT	4'x4'x4'
HH–5	102+70.61	56.92' LT	4'x4'x4'
HH–6	103+96.58	68.13' RT	4'x4'x4'
HH–7	46+76.35	69.97' RT	4'x4'x4'
HH–8	100+58.73	64.99' LT	4'x4'x4'
HH–9	100+59.24	75.00' RT	4'x4'x4'
HH–10	40+89.22	136.02' LT	4'x4'x4'
HH–11	46+82.75	132.03' RT	4'x4'x4'
HH–12	50+53.88	135.84' RT	4'x4'x4'

- HH–1 AND HH–2 ARE MEASURED FROM THE NORTH ALIGNMENT ON NEW TAXIWAY B4
- HH–3 AND HH–4 ARE MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B5
- HH–5 AND HH–6 ARE MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B6
- HH–7 AND HH–10 THROUGH HH–13 ARE MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B
- HH–8 AND HH–9 ARE MEASURED FROM THE SOUTH ALIGNMENT ON NEW TAXIWAY B4

Q:\PROJECTS\19000\19006 PVT Relocate Twy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA-604-GMP4 EQUIPMENT DATA TABLES-2.dwg -- Feb 26,2026 1:34pm

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT BYR
CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND
CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: NTS

AIP NO.:
3–04–0028–XXX–TBD

SHEET OVERVIEW TITLE
EQUIPMENT DATA TABLES

SHEET REFERENCE NUMBER:
EA-604

NEW RUNWAY GUARD LIGHT LOCATIONS

RGL–#	STATION	OFFSET
RGL–1	103+00.50	31.50' LT
RGL–2	103+00.50	48.25' RT
RGL–3	103+00.50	48.25' LT
RGL–4	103+00.50	48.25' RT
RGL–5	103+42.14	39.24' LT
RGL–6	103+92.20	52.07' RT
RGL–7	100+49.50	39.11' LT
RGL–8	100+49.50	39.11' RT

- RGL–1 AND RGL–2 ARE MEASURED FROM THE NORTH ALIGNMENT ON NEW TAXIWAY B4
- RGL–3 AND RGL–4 ARE MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B5
- RGL–5 AND RGL–6 ARE MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B6
- RGL–7 AND RGL–8 ARE MEASURED FROM THE SOUTH ALIGNMENT ON NEW TAXIWAY B4

NEW JUNCTION CAN LOCATIONS

JC–#	STATION	OFFSET	TYPE (SIZE)
JC–1	104+52.28	86.56' LT	L–867B (12" DIA)
JC–2	104+50.83	86.70' RT	L–867B (12" DIA)
JC–3	98+59.91	65.99' LT	L–867B (12" DIA)
JC–4	55+99.58	107.65' RT	L–867D (12" DIA)
JC–5	106+08.34	51.17' RT	L–867B (12" DIA)

- JC–1 AND JC–2 ARE MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B5
- JC–3 IS MEASURED FROM THE SOUTH ALIGNMENT ON NEW TAXIWAY B4
- JC–4 IS MEASURED FROM THE SOUTH ALIGNMENT ON NEW TAXIWAY B
- JC–5 IS MEASURED FROM THE ALIGNMENT ON NEW TAXIWAY B6

EQUIPMENT LOCATION STANDARDS TABLE

(PROVIDE FOR REFERENCE ONLY)

EQUIPMENT TYPE	FAA LOCATION STANDARD	NOTES
SIZE 1 AIRFIELD GUIDANCE SIGNS	10' – 20' (SEE NOTE 3)	MEASURE TO SIGN EDGE CLOSEST TO TAXIWAY EDGE/OUTER TAXIWAY EDGE MARKING (SEE FAA AC 1505340–18)
JUNCTION CAN		STATION/OFFSET GIVEN IS CENTER OF JUNCTION CAN COVER PLATE
RUNWAY GUARD LIGHT (RGL)	10' – 17' (NEAR SIDE OF INSTALLED FIXTURE)	MEASURE FROM TAXIWAY EDGE/OUTER TAXIWAY EDGE MARKING. STATION/OFFSET GIVEN IS CENTER OF BASE CAN ON WHICH RGL FIXTURE IS MOUNTED. (SEE FAA AC 150/5340–30)
TAXIWAY EDGE LIGHT	2'–10' (SEE GENERAL NOTE 4)	MEASURE TO CENTER OF LIGHT FIXTURE – STATION/OFFSET GIVEN IS CENTER OF LIGHT FIXTURE (SEE FAA AC 150/5340–30)
HANDHOLE		STATION/OFFSET GIVEN IS CENTER OF HANDHOLE LID

GENERAL NOTES

1. EQUIPMENT NUMBERS SHOWN ARE FOR CONSTRUCTION REFERENCE ONLY. COORDINATE WITH AIRPORT MAINTENANCE FOR LABELING OF ALL EQUIPMENT.
2. OFFSETS GIVEN ARE MEASURED FROM NEAREST TAXIWAY/RUNWAY CENTERLINE (ALIGNMENT).
3. CONTRACTOR TO ENSURE AIRFIELD GUIDANCE SIGN LOCATIONS FALL WITHIN FAA SPECIFICATIONS. CONTRACTOR SHALL CONFIRM ANY DIFFERENCES OF MEASUREMENTS/DISCREPANCIES, WHEN SURVEY OF AIRFIELD GUIDANCE SIGN AND BASE IS BEING PERFORMED, WITH ENGINEER BEFORE SIGN BASE IS INSTALLED.
4. CONTRACTOR TO ENSURE NEW TAXIWAY EDGE LIGHT LOCATIONS DO NOT EXCEED 10 FEET FROM EDGE OF FULL STRENGTH PAVEMENT/OUTER EDGE OF TAXIWAY EDGE MARKING AND ARE IN–LINE WITH EXISTING TAXIWAY EDGE LIGHTING IF APPLICABLE – PERFORM FIELD ADJUSTMENTS AS NECESSARY. CONTRACTOR SHALL CONFIRM ANY DIFFERENCES OF MEASUREMENTS/DISCREPANCIES, WHEN SURVEY OF LIGHT LOCATIONS IS BEING PERFORMED, WITH ENGINEER BEFORE LIGHT BASE IS INSTALLED.
5. CONTRACTOR TO ENSURE NEW RETRO–REFLECTIVE TAXIWAY EDGE MARKER LOCATIONS DO NOT EXCEED 10 FEET FROM EDGE OF FULL STRENGTH PAVEMENT/OUTER EDGE OF TAXIWAY EDGE MARKING AND IF APPLICABLE, ARE IN–LINE WITH EXISTING RETRO–REFLECTIVE TAXIWAY EDGE MARKER LOCATIONS – PERFORM FIELD ADJUSTMENTS AS NECESSARY. CONTRACTOR SHALL CONFIRM ANY DIFFERENCES OF MEASUREMENTS/DISCREPANCIES, WHEN SURVEY OF RETRO–REFLECTIVE TAXIWAY EDGE MARKER LOCATIONS ARE BEING PERFORMED, WITH ENGINEER BEFORE INSTALLATION.

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NO	REVISIONS / SUBMISSIONS	DATE

PHX DVT ENGINEERING
CITY OF PHOENIX AVIATION DEPARTMENT

DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: NTS

AIP NO.: 3–04–0028–XXX–TBD

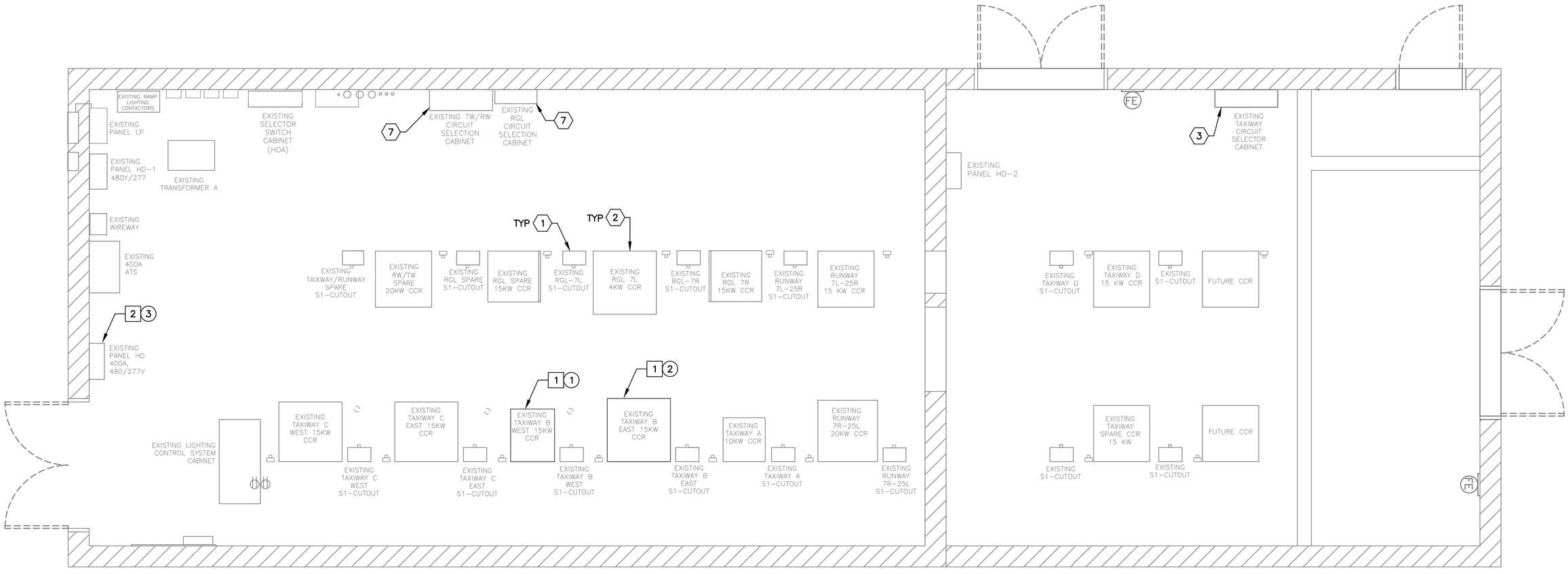
SHEET OVERVIEW TITLE

EQUIPMENT DATA TABLES

SHEET REFERENCE NUMBER:
EA-605

SHEET 159 OF 161

O:\PROJECTS\19000\19006_DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 19006 EA–605–GMP4 EQUIPMENT DATA TABLES–3.dwg – Feb 26,2026 1:35pm



EXISTING AIRFIELD LIGHTING VAULT - ELECTRICAL EQUIPMENT MODIFICATION PLAN

NTS

DEMOLITION NOTES

1. DISCONNECT POWER AND COMMUNICATIONS/CONTROL CABLES – REMOVE EXISTING CCR. SALVAGE OR RETURN TO AIRPORT. (2 TOTAL)
2. DISCONNECT AND REMOVE EXISTING CCR CIRCUIT BREAKER IN EXISTING PANELBOARD. (2 TOTAL)

CONSTRUCTION NOTES

1. INSTALL AND RECONNECT NEW 10KW CCR WITH NEW DIGITAL CONTROL AND MONITORING UNIT AND TEST (1 TOTAL)
2. INSTALL AND RECONNECT NEW 15KW CCR WITH NEW DIGITAL CONTROL AND MONITORING UNIT AND TEST (1 TOTAL)
3. INSTALL NEW CIRCUIT IN EXISTING PANELBOARD. COORDINATE OUTAGE WITH AIRPORT PRIOR. INSTALL UPDATED BREAKER ID PLAQUES – REFER TO PANEL SCHEDULES. (1 TOTAL)

REFERENCE NOTES

1. EXISTING S1 CUTOUT TO REMAIN – PROTECT IN PLACE.
1. EXISTING S1 CUTOUTS TO REMAIN – PROTECT IN PLACE.

GENERAL NOTES

1. COORDINATE WITH AIRPORT FOR OUTAGE TO REPLACE CCR.
2. COORDINATE WITH AIRPORT FOR OUTAGE OF EXISTING PANEL(S) TO REPLACE CIRCUIT BREAKERS AND TERMINATE CABLES.
3. EXISTING CONDUIT, INPUT AND OUTPUT CABLES TO REMAIN FOR RECONNECTION TO NEW CCR.

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CITY OF PHOENIX AVIATION DEPARTMENT
DEER VALLEY AIRPORT
RELOCATE TAXIWAY B AND CONSTRUCT CONNECTORS
B6 AND B9 - GMP 4
AV31000092 FAA

Designed by: SW
Drawn by: JBW
Checked by: CA
Date: 02/25/2026
Dwg scale: NTS

AIP NO.: 3-04-0028-XXX-TBD

SHEET OVERVIEW TITLE
EXISTING AIRFIELD LIGHTING VAULT ELECTRICAL EQUIPMENT MODIFICATION PLAN

SHEET REFERENCE NUMBER:
EA-701

SHEET 160 OF 161

G:\PROJECTS\18000\18006 DVT Relocate Txy B & Construct High Speed Connectors\CAD\CAD SHEETS\CAD SHEETS FOR GMP4\ 18006_EA-701-GMP4 AIRFIELD LIGHTING VAULT PLAN.dwg - Feb. 26,2026, 1:36pm

PANEL: HD		VOLTAGE: 480/277V		MAIN CB: 400 - HKD		BUS AMPS: 400		
CB TYPE: HFD		MOUNTING: SURFACE		BRACING: 65K		BKR AIC: 65K - TYPE HFD		
CIRCUIT DESCRIPTION	BKR	CIRCUIT	PHASE A	PHASE B	PHASE C	CIRCUIT	BKR	CIRCUIT DESCRIPTION
AC SOUTH	20	1						
						2	20	AC SOUTH
	/	3						
						4	/	
	3	5						
						6	3	
PAPI 7R - 25L	20	7						
	/					8	20	PAPI 7L - 25R
	2	9					/	
						10	2	
REIL 7R - 25L	20	11						
	/					12	20	REIL 7L - 25R
	2	13					/	
						14	2	
TWY B - WEST	**40**	15						
(NEW TWY B 10KW CCR)	/					16	40	TWY A
	2	17					/	
						18	2	
TWY B - EAST	50	19						
(NEW 15KW SPARE)	/					20	50	RWY 7L - 25R
	2	21					/	
						22	2	
RWY 7R - 25L	60	23						
	/					24	40	SPARE
	2	25					/	
						26	2	
TWY C - WEST	50	27						
	/					28	60	SPARE REGULATOR
	2	29					/	
						30	2	
TWY C - EAST	50	31						
	/					32	50	RGL - 7R
	2	33					/	
						34	2	
SPARE	50	35						
	/					36	50	RGL - SPARE
	2	37					/	
						38	2	
SPARE	40	39						
	/					40	20	RGL - 7L
	2	41					/	
						42	2	
SPACE		43						
						44		SPACE
SPARE	40	45						
	/					46	200	PANEL HD-2
	2	47						
						48	/	
PNL HD-1	100	49						
						50	3	
	/	51						
						52	100	XFMR - A
	3	53					/	
						54	2	
CONNECTED KVA PER PHASE			0.0	0.0	0.0	**NOTES:**		
						EXISTING BREAKERS - TYPE HFD / 65K AIC		
CONNECTED AMPS PER PHASE			0.0	0.0	0.0			
25% OF CONTINUOUS & LIGHTING LOAD (KVA)			0.0	0.0	0.0			
LARGEST MOTOR (25%)			0.0	0.0	0.0			
CODE KVA PER PHASE			0.0	0.0	0.0			
CODE AMPS PER PHASE AT 120V			0.0	0.0	0.0			

A EXISTING AIRFIELD LIGHTING VAULT - MODIFIED PANEL HD SCHEDULE
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SHEET OVERVIEW TITLE

EXISTING AIRFIELD LIGHTING VAULT
MODIFIED PANEL HD SCHEDULE

SHEET REFERENCE NUMBER:
EA-702

SHEET 161 OF 161

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