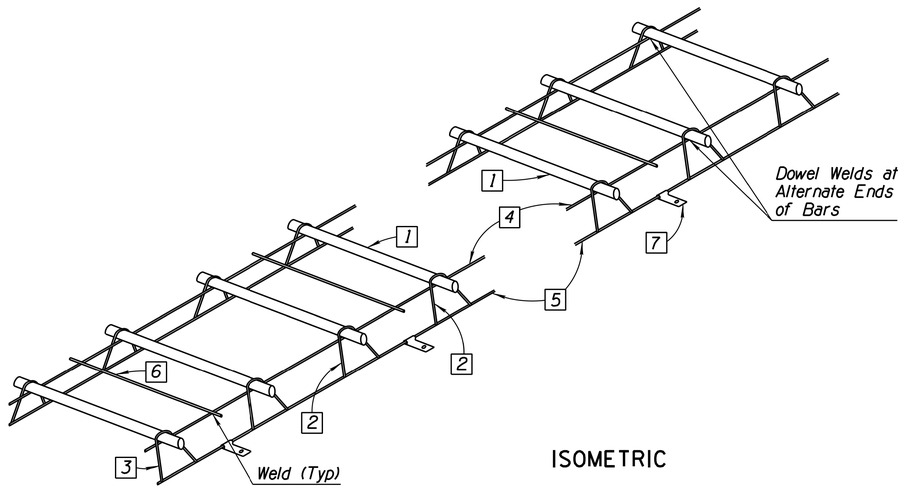

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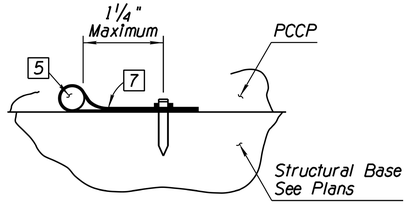
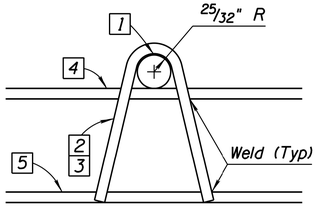
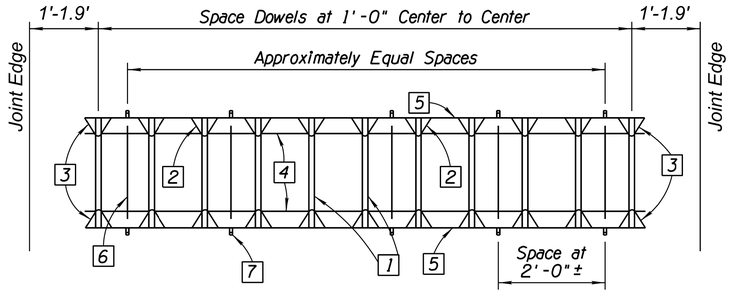


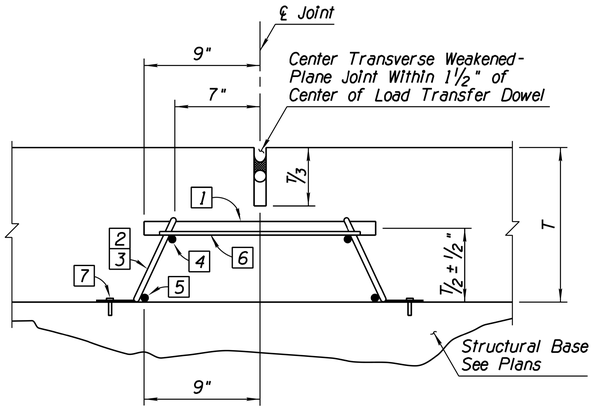
ANCHOR STRAP DETAIL



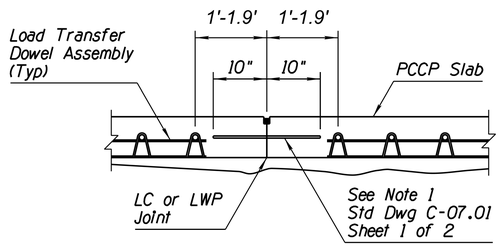
END AND INTERMEDIATE LEG DETAIL



PLAN VIEW
LOAD TRANSFER DOWEL ASSEMBLY



TRANSVERSE WEAKENED-PLANE JOINT WITH
LOAD TRANSFER DOWEL ASSEMBLY



PLACEMENT DETAIL

GENERAL NOTES

1. Load transfer dowel assemblies may be used when permitted in the project specifications.
2. Load transfer dowel assemblies are used with non-skewed, mainline PCCP joints.
3. When used, load transfer dowel assemblies are to be placed at each transverse weakened-plane joint on the traveled lanes as shown on the plans.
4. See Std Dwgs C-07.01 through C-07.04 for additional information.
5. See plans or Std Dwgs C-07.03 through C-07.04 for transverse joint spacing.
6. See plans for pavement thickness less than 12" or greater than 14".

Load transfer dowel assembly shall be assembled from the following materials:
(See Quantity Table)

[1] Dowel bars - 1½" diameter x 1'-6" plain round bars with coating. See Special Provisions.

[2] Intermediate legs - 2 gauge or W-5.5 wire.

[3] End legs - 2 gauge or W-5.5 wire.

[4] Upper space bar - 2 gauge or W-5.5 wire x ◑. (See Dimension Table)

[5] Lower space bar - 2 gauge or W-5.5 wire x ◑. (See Dimension Table)

[6] Tie bars - W-1.5 wire x 16".

[7] Anchor strap - 1"x3" steel strap, 0.079 thick. Place with a 1½" minimum length steel nail for LCB, 4" minimum length steel nail for ACB or AB, 0.145 diameter ASTM A227 Class 1 with ¼" head or washer.

QUANTITY TABLE

Item No.	Lane Width (Ft)				
	6-7.9	8-9.9	10-11.9	12-13.9	14-15.9
	LTDA Bid Item Width (Ft)				
	6	8	10	12	14
[1]	5	7	9	11	13
[2]	6	10	14	18	22
[3]	4	4	4	4	4
[4]	2	2	2	2	2
[5]	2	2	2	2	2
[6]	2	3	4	5	6
[7]	4	6	8	10	12

DIMENSION TABLE

	LTDA Bid Item Width (Ft)				
	6	8	10	12	14
(Ft-In)	4-4	6-4	8-4	10-4	12-4

DETAIL A2

MODIFIED LOAD TRANSFER DOWEL ASSEMBLY

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
1	LOAD TRANSFER DOWEL ASSEMBLY UPDATE	TJB	10/26

Registered Professional Engineer — CERTIFICATE NO. 47513 — ALLEN R. HATHCOCK — State of Arizona — Date Signed 09/26/26

	NAME	DATE
DESIGN	TJB	09/26
DRAWN	TJB	09/26
CHECKED	ARH	09/26

Kimley»Horn

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

DETAIL A2
MODIFIED LOAD TRANSFER DOWEL ASSEMBLY

ROUTE I-10
MILEPOST
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	7A	200	

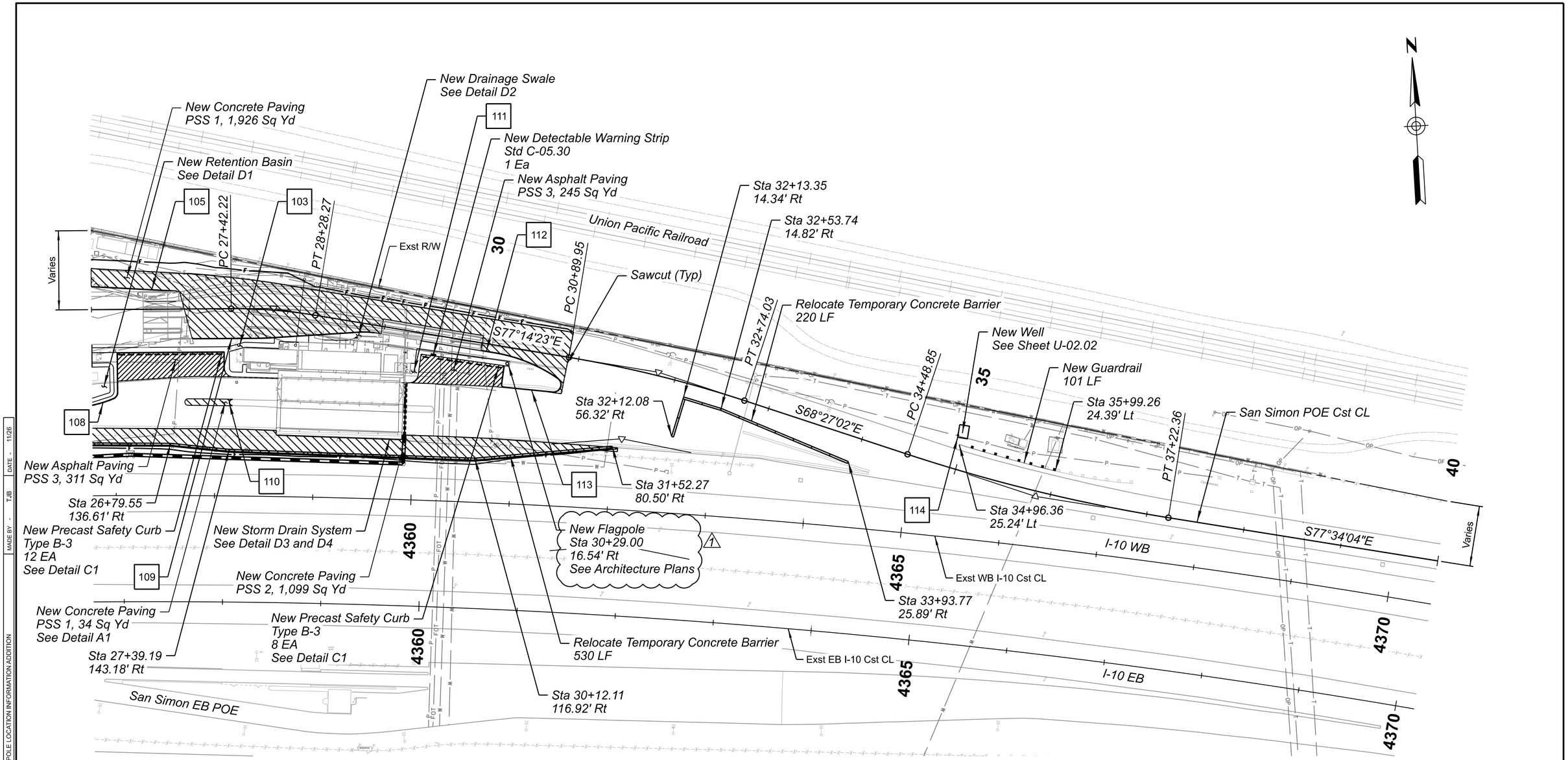
LOCATION SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. G-04.01

___ OF ___

8:53:43 AM 11/17/2026 TJ.Bulhoes K:\PHX_Roadway\Worksets\ADOT_PROJECTS_2022R3_10.12_291728040-F0728-SAN SIMON POE\dgn\Roadway\f0728_dta02_sansimon.dgn



NO.1 | DESCRIPTION OF REVISION - FLAGPOLE LOCATION INFORMATION ADDITION | MADE BY - TJB | DATE - 11/26

NOTES:
1. See Roadway Summary Sheets, Dwg No. G-03 Series
2. For new pavement limits, see Staking Sheets, Dwg No. G-07 Series

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 09/26/26

	NAME	DATE
DESIGN	TJB	09/26
DRAWN	TJB	09/26
CHECKED	RRG	09/26

Kimley»Horn

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON POE
PLAN SHEET
Sta 26+00 to 40+00

ROUTE I-10
MILEPOST
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	24	200	

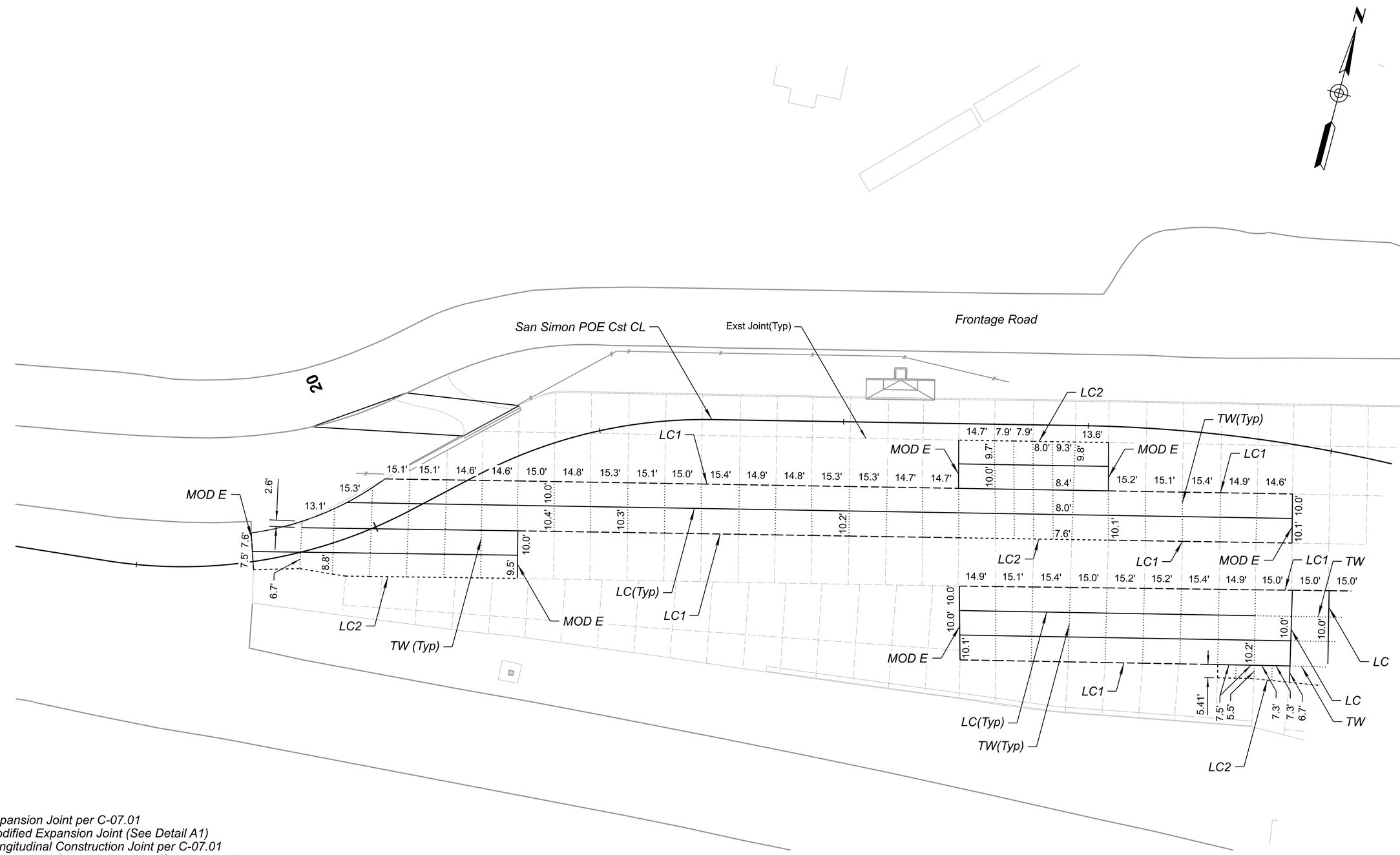
LOCATION SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. G-08.02

___ OF ___

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
1	TRANSVERSE WEAKENED PLANE JOINT NOTE UPDATE	TJB	10/26



LEGEND:

E - Expansion Joint per C-07.01
MOD E - Modified Expansion Joint (See Detail A1)
LC - Longitudinal Construction Joint per C-07.01
LC1 - Longitudinal Construction Joint (See Detail A1)
LC2 - Modified Longitudinal Construction Joint (See Detail A1)
TW - Transverse Weakened Plane Joint with Load Transfer Dowel Assembly (See Detail A2) 1
K - K Joint per C-07.01

Registered Professional Engineer
47513
ALLEN R. HATHCOCK
CERTIFICATE NO.
Date Signed 09/26/26

	NAME	DATE
DESIGN	TJB	09/26
DRAWN	ME	09/26
CHECKED	RRG	09/26

Kimley»Horn
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON POE
JOINTING SHEET
Sta 18+50 to 24+25

ROUTE I-10
MILEPOST
STRUCTURE NO.

F.H.W.A. Arizona Division

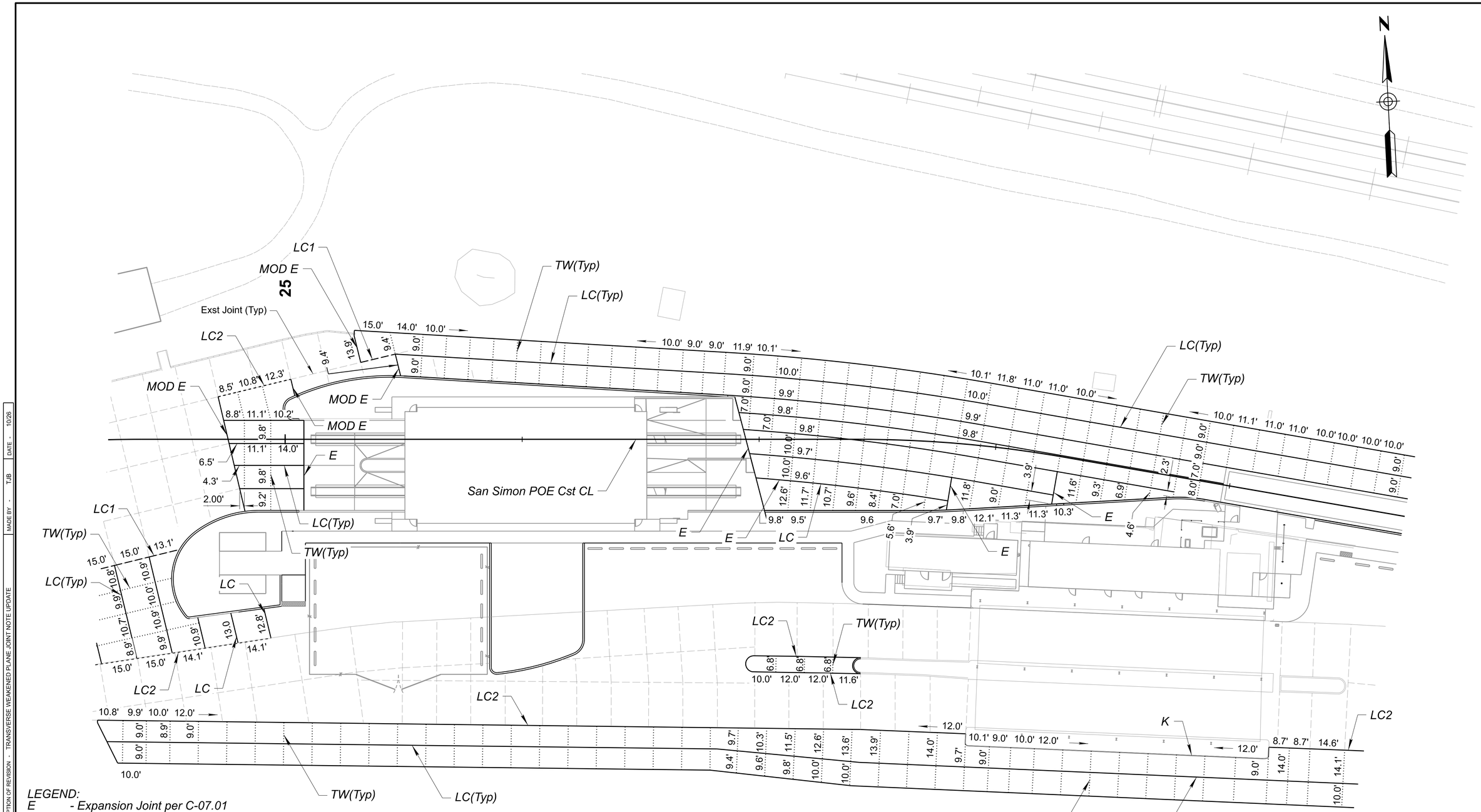
STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	25	200	

LOCATION SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. G-09.01

____ OF ____



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LC2 - Modified Longitudinal Construction Joint (See Detail A1)
TW - Transverse Weakened Plane Joint with Load Transfer Dowel Assembly (See Detail A2)
K - K Joint per C-07.01

1

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
1	TRANSVERSE WEAKENED PLANE JOINT NOTE UPDATE	TJB	10/26

Registered Professional Engineer
47513
ALLEN R. HATHCOCK
CERTIFICATE NO.
Date Signed 09/26/26

	NAME	DATE
DESIGN	TJB	09/26
DRAWN	ME	09/26
CHECKED	RRG	09/26

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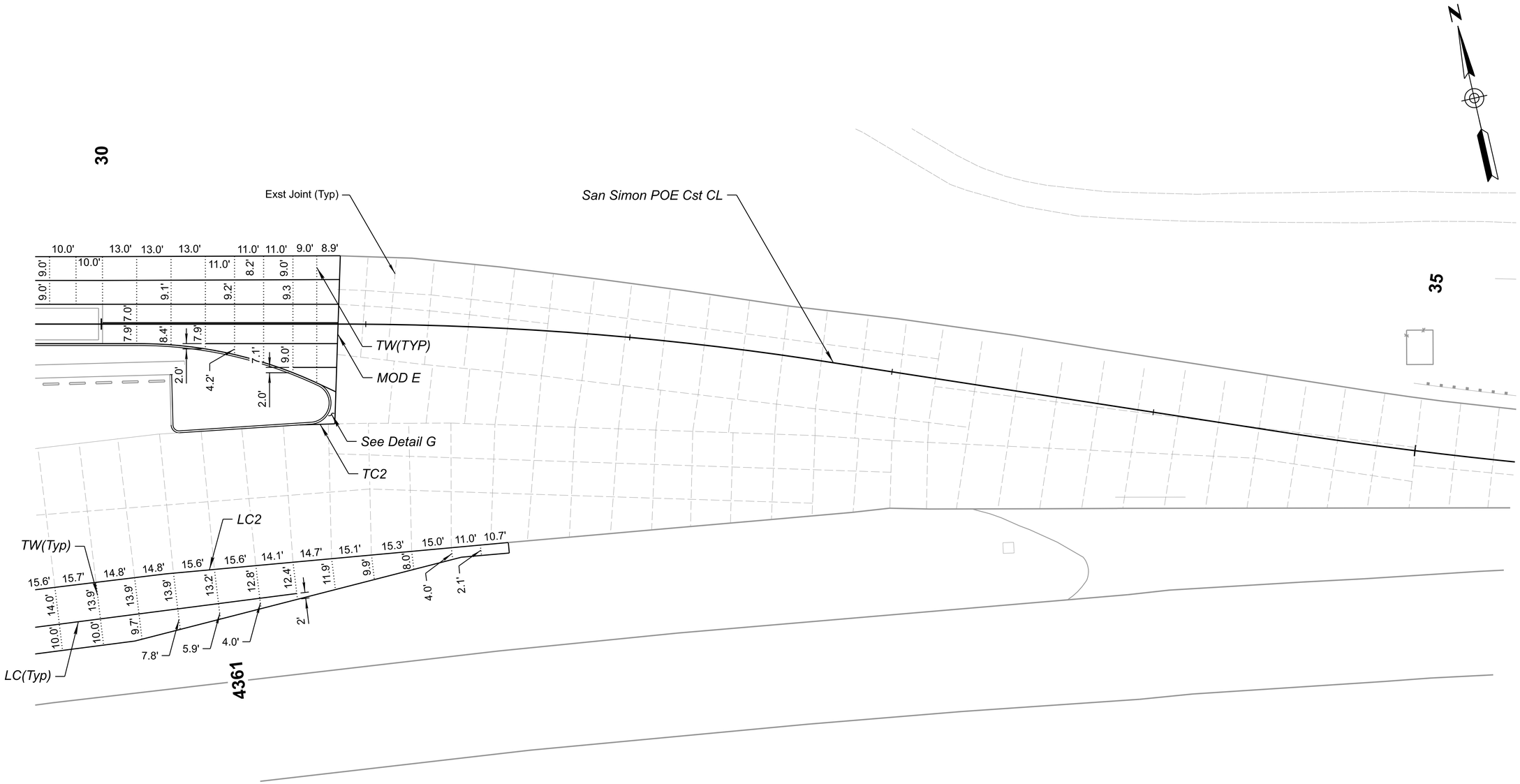
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON POE
JOINTING SHEET
Sta 24+25 to 29+75

ROUTE I-10
MILEPOST
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	26	200	

LOCATION SAN SIMON PORT OF ENTRY (POE)
DWG NO. G-09.02
TRACS NO. F0728 01C
___ OF ___



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LC1 - Longitudinal Construction Joint (See Detail A1)
LC2 - Modified Longitudinal Construction Joint (See Detail A1)
TW - Transverse Weakened Plane Joint with Load Transfer Dowel Assembly (See Detail A2) 1
K - K Joint per C-07.01

NO.	DESCRIPTION OF REVISION	MADE BY	DATE
1	TRANSVERSE WEAKENED PLANE JOINT NOTE UPDATE	TJB	10/26

Registered Professional Engineer (Civil) CERTIFICATE NO. 47513 ALLEN R. HATHCOCK Date Signed 09/26/26

	NAME	DATE
DESIGN	TJB	09/26
DRAWN	ME	09/26
CHECKED	RRG	09/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON POE
JOINTING SHEET
Sta 29+75 to 35+38

ROUTE I-10
MILEPOST
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	27	200	

LOCATION SAN SIMON PORT OF ENTRY (POE)
DWG NO. G-09.03
TRACS NO. F0728 01C
____ OF____

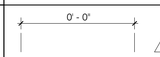
DO NOT SCALE DRAWINGS. DO NOT PLOT 'SCALE TO FIT'. THIS DOCUMENT IS FORMATTED FOR THE ANSI D (22"x34") SHEET SIZE.
FULL-SIZE PLOT ON ANSI D (22"x34") PAPER ONLY. HALF-SIZE PLOT ON 11"x17" PAPER ONLY.

NO.	DESCRIPTION OF REVISION - DRAWING SHEETS RENAMED AND ADDED	MADE BY -	DATE -
2		BMS	11/13/26

ABBREVIATIONS

@	AT
#	NUMBER
&	AND
%	PERCENT
"	INCH(ES)
'	FOOT / FEET
°	DEGREES
>	GREATER THAN
<	LESS THAN
≥	GREATER THAN OR EQUAL TO
≤	LESS THAN OR EQUAL TO
±	PLUS-MINUS
℄	CENTERLINE
PL	PLATE
A.F.F.	ABOVE FINISH FLOOR
ABC	AGGREGATE BASE COURSE
AC	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ARCH	ARCHITECTURAL / ARCHITECT
ASTM	ASTM INTERNATIONAL
B.O.	BOTTOM OF
B.O.D	BOTTOM OF DECK
BLDG	BUILDING
C.I.P.	CAST-IN-PLACE
CJ	CONTROL JOINT / CONSTRUCTION JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT.	CONTINUOUS
COORD	COORDINATE
CTR	CENTER
D	DEEP / DEPTH
D.G.	DECOMPOSED GRANITE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DWG	DRAWING
E	EAST
EA	EACH
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
ELEV	ELEVATION / ELEVATOR
ELEC	ELECTRICAL
EQ	EQUAL
EQUIP	EQUIPMENT
E.T.S.	EXPOSED TO STRUCTURE
EXP	EXPANSION
EXIST	EXISTING
EXTR	EXTERIOR
F.D.	FLOOR DRAIN
F.F.E.	FINISH FLOOR ELEVATION
F.O.	FACE OF
FDC	FIRE DEPARTMENT CONNECTION
FEC	FIRE EXTINGUISHER CABINET
FF&E	FURNITURE, FINISHES, & EQUIPMENT
FFE	FINISH FLOOR ELEVATION
FLR	FLOOR
FT	FEET
FURN	FURNITURE
GA	GAUGE / GAGE
GALV	GALVANIZED
GSF	GROSS SQUARE FEET / FOOT
H.B.	HOSE BIB
H	HIGH / HEIGHT
HR(S)	HOUR(S)
H.S.A.	HEAD STUD ANCHOR(S)
HT	HEIGHT
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
I.D.	INSIDE DIAMETER
IGU	INSULATED GLAZING UNIT
IN	INCH(ES)
INFO	INFORMATION
INTR	INTERIOR
JAN	JANITOR
J-BOX	JUNCTION BOX
L	LONG / LENGTH
LB(S)	POUND(S)
LF	LINEAR FOOT
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
M.O.	MASONRY OPENING
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MPE	MECHANICAL, PLUMBING, ELECTRICAL
MECH	MECHANICAL
MDF	MEDIUM DENSITY FIBERBOARD
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MM	MILLIMETER
MTL	METAL
N	NORTH
N.I.C.	NOT IN CONTRACT
N/A	NOT APPLICABLE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NO.	NUMBER
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER/DIMENSION
OCC	OCCUPANT / OCCUPANCY
OPNG	OPENING
OPP / OH	OPPOSITE HAND
OSB	ORIENTED STRAND BOARD
PERF	PERFORATED
PL	PLATE
PLAM	PLASTIC LAMINATE
PR	PAIR
PSF	POUNDS PER SQUARE FOOT
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
R	RADIUS
R.D.	ROOF DRAIN
R.O.	ROUGH OPENING
R.O.W.	RIGHT OF WAY
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFRIGERATOR
RM	ROOM
S	SOUTH
S.S.	STAINLESS STEEL
SCHED	SCHEDULE
SF	SQUARE FEET / FOOT
SHWR	SHOWER
SIM	SIMILAR
SPEC(S)	SPECIFICATION(S)
SQ	SQUARE
STC	SOUND TRANSMISSSION COEFFICIENT
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUC	STRUCTURAL
T	THERMOSTAT
T&G	TONGUE AND GROOVE
T.O.	TOP OF
T.O.M.	TOP OF MASONRY
TBD	TO BE DETERMINED BY ARCH
TEL	TELEPHONE OR TELECOM
TEMP	TEMPERATURE / TEMPERED
THRU	THROUGH
TS	TUBE STEEL
TV	TELEVISION
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
UL	UNDERWRITER'S LABORATORY
V	VOLTS
V.I.F.	VERIFY IN FIELD
VERT	VERTICAL
VTR	VENT-THRU-ROOF
W	WEST / WIDE / WIDTH
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WT	WEIGHT
WWF	WELDED WIRE FABRIC

DRAWING SYMBOLS



DIMENSION / ANGLE / RADIUS



NORTH ARROW



BUILDING SECTION



WALL SECTION



DETAIL REFERENCE



EXTERIOR BUILDING ELEVATION



ELEVATIONS



WALL TYPE IDENTIFICATION



DOOR IDENTIFICATION



GLAZING SYSTEM TYPE IDENTIFICATION



FINISH & MATERIAL IDENTIFICATION MARK



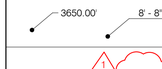
ROOM NAME AND NUMBER



KEYNOTE REFERENCES



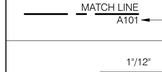
ELEVATION / DATUM LEVEL



SPOT ELEVATION TARGET



REVISION



MATCH LINE

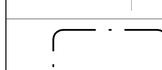


SLOPE ARROW


BREAK LINE



COLUMN GRID LINES



ENLARGED PLAN / DETAIL

PROJECT TEAM

ARCHITECT

GABOR LORANT ARCHITECTS INC.
3326 NORTH 3RD AVENUE, SUITE 200
PHOENIX, ARIZONA 85013
TEL: 602.667.9090 | FAX: 602.667.9133
WWW.GABORLORANT.COM

STRUCTURAL ENGINEER

PK ASSOCIATES, LLC
7434 EAST MCDONALD DRIVE
SCOTTSDALE, ARIZONA 84250
TEL: 480.922.8854
WWW.PKASTRUCTURAL.COM

MPE ENGINEER

APPLIED ENGINEERING
2800 SOUTH RURAL ROAD SUITE 101
TEMPE, ARIZONA 85282
TEL: 480.968.3070
WWW.APPLIEDENGINEERING.WS

CIVIL ENGINEER

KIMLEY-HORN AND ASSOCIATES, INC.
1661 EAST CAMELBACK ROAD, SUITE 400
PHOENIX, ARIZONA 85016
TEL: 602.944.5500
WWW.KIMLEY-HORN.COM

PROJECT SUMMARY

- DEMOLITION OF EXISTING MODULAR BUILDING ON EAST SIDE OF ADMIN BUILDING.
- DEMOLITION OF EXISTING WEIGHMASTER BOOTH ON NORTH SIDE OF ADMIN BUILDING.
- RENOVATION OF EXISTING LOBBY AND PERMIT OFFICE AREAS ON EAST END OF ADMIN BUILDING TO ADD NEW OFFICES AND CIRCULATION SPACE.
- CONSTRUCTION OF AN ADDITION TO THE EAST SIDE OF THE ADMIN BUILDING WITH A NEW WEIGH SCALE, WEIGHMASTER BOOTH, PERMIT OFFICE, LOBBY, AND I.T. ROOM.
- CONSTRUCTION OF A NEW INSPECTION BUILDING WITH (2) INSPECTION BAYS AND BELOW-GRADE PITS.

SPECIAL INSPECTIONS & MATERIALS TESTING

SEE GENERAL STRUCTURAL NOTES FOR REQUIRED INSPECTIONS AND TESTING. THE OWNER WILL PROVIDE THESE SERVICES DURING THE COURSE OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SCHEDULING OF ALL TESTING AND INSPECTIONS WITH THE OWNER.

GENERAL NOTES

1. INTERPRETATION OF DRAWINGS AND SPECIFICATIONS: WHERE A CONFLICT ARISES WITHIN OR BETWEEN CONTRACT DOCUMENTS, THE HIGHER QUALITY, THE BETTER WORKMANSHIP, THE MORE COSTLY SOLUTION SHALL GOVERN, UNLESS DIRECTED OTHERWISE BY THE ARCHITECT, WHOSE DECISION SHALL BE FINAL.
2. WORK BY OWNER: ITEMS NOTED 'NIC' OR 'N.I.C.' (NOT IN CONTRACT) WILL BE FURNISHED AND INSTALLED BY THE OWNER. CONTRACTOR SHALL COORDINATE AS NECESSARY WITH THE OWNER FOR THESE ITEMS.

ARIZONA DEPARTMENT OF TRANSPORTATION

SAN SIMON PORT OF ENTRY

MILEPOST 383, INTERSTATE 10, SAN SIMON, AZ 85632

GLA Project Number: 24102

ARIZONA — DEPARTMENT OF — TRANSPORTATION

DRAWING SHEET INDEX

DWG NO.	DRAWING SHEET NAME
1 ARCHITECTURAL	
A001	ARCHITECTURAL COVER SHEET
A010	LIFE SAFETY PLAN & CODE ANALYSIS - ADMIN BUILDING
A015	LIFE SAFETY PLAN & CODE ANALYSIS - INSPECTION BUILDING
A030	DEMOLITION PLANS - ADMIN BUILDING
A070	OVERALL ARCHITECTURAL SITE PLAN
A071	ENLARGED ARCHITECTURAL SITE PLAN
A080	SITE DETAILS
A100	FLOOR PLAN - ANNOTATED - ADMIN BUILDING & WEIGH SCALE
A101	FLOOR PLAN - DIMENSIONED - ADMIN BUILDING & WEIGH SCALE
A102	SLAB PLAN - ADMIN BUILDING & WEIGH SCALE
A105	WEIGH SCALE PIT PLAN, SECTIONS AND DETAILS
A106	WEIGH SCALE PIT DETAILS
A110	FLOOR PLAN - INSPECTION BUILDING
A111	SLAB & CONCRETE WALL PLAN - INSPECTION BUILDING - FINISH FLOOR LEVEL
A112	CONCRETE WALL DETAILS
A120	FLOOR PLAN & SECTIONS - INSPECTION BUILDING - PIT LEVEL
A121	INSPECTION PIT DETAILS
A122	INSPECTION PIT DETAILS
A180	WALL TYPE DETAILS
A181	WALL TYPE DETAILS
A190	WALL FRAMING DETAILS
A200	REFLECTED CEILING PLAN & DETAILS - ADMIN BUILDING
A210	REFLECTED CEILING PLAN & DETAILS - INSPECTION BUILDING
A300	ROOF PLAN - ADMIN BUILDING
A310	ROOF PLAN - INSPECTION BUILDING
A350	ROOF DETAILS
A351	ROOF DETAILS
A400	EXTERIOR BUILDING ELEVATIONS - ADMIN BUILDING
A410	EXTERIOR BUILDING ELEVATIONS - INSPECTION BUILDING
A411	COLOR EXTERIOR BUILDING ELEVATIONS - INSPECTION BUILDING
A415	EXTERIOR METAL WALL PANEL DETAILS - INSPECTION BUILDING
A450	BUILDING ENVELOPE DETAILS
A500	BUILDING & WALL SECTIONS - ADMIN BUILDING
A510	BUILDING SECTIONS - INSPECTION BUILDING
A520	WALL SECTIONS - INSPECTION BUILDING
A600	INTERIOR ELEVATION & ENLARGED PLANS - ADMIN BUILDING
A620	INTERIOR DETAILS
A640	ADA & MOUNTING HEIGHT DETAILS
A650	ROOM FINISH SCHEDULE
A651	FINISH & MATERIAL LEGEND
A660	FLOOR FINISH PLANS
A680	SIGNAGE DETAILS
A800	DOOR SCHEDULE - ADMIN BUILDING
A805	DOOR SCHEDULE - INSPECTION BUILDING
A810	DOOR DETAILS
A860	GLAZING SYSTEM DETAILS
A861	GLAZING SYSTEM DETAILS

NOTE: SEE SPECIAL PROVISIONS, ITEM NOS. 9240063, 9240066, AND 9240071.

DRAWING SHEET INDEX

DWG NO.	DRAWING SHEET NAME
2 STRUCTURAL	
S000	GENERAL STRUCTURAL NOTES
S001	GENERAL STRUCTURAL NOTES
S002	GENERAL STRUCTURAL NOTES
S100	FOUNDATION PLAN - ADMIN BUILDING & WEIGH SCALE
S101	ROOF FRAMING PLAN - ADMIN BUILDING
S110	FOUNDATION PLAN - INSPECTION BUILDING PIT LEVEL
S111	FOUNDATION PLAN - INSPECTION BUILDING
S112	ROOF FRAMING PLAN - INSPECTION BUILDING
S200	FOUNDATION DETAILS
S201	FOUNDATION DETAILS
S202	FOUNDATION DETAILS
S203	FOUNDATION DETAILS
S204	FOUNDATION DETAILS
S205	FOUNDATION DETAILS
S300	FRAMING DETAILS
S301	FRAMING DETAILS
S302	FRAMING DETAILS
S400	BRACE FRAME DETAILS
S401	BRACE FRAME DETAILS
S500	TYPICAL DETAILS
S501	TYPICAL DETAILS
S502	TYPICAL DETAILS
S503	TYPICAL DETAILS
S504	TYPICAL DETAILS
S505	TYPICAL DETAILS
3 MECHANICAL	
M00A	MECHANICAL AXONOMETRIC VIEW - INSPECTION BUILDING
M00B	MECHANICAL AXONOMETRIC VIEW - ADMIN BUILDING
M001	MECHANICAL LEGEND, SYMBOLS, AND SPECIFICATIONS
M002	MECHANICAL SCHEDULES AND SPECIFICATIONS
M003	MECHANICAL SCHEDULES AND CONTROL SPECIFICATIONS
M030	MECHANICAL DEMOLITION FLOOR PLAN - ADMIN BUILDING
M100	MECHANICAL FLOOR PLAN - ADMIN BUILDING
M110	MECHANICAL FLOOR PLAN - INSPECTION BUILDING - PIT LEVEL EXHAUST SYSTEMS
M111	MECHANICAL FLOOR PLAN - INSPECTION BUILDING
M210	MECHANICAL ROOF PLAN - INSPECTION BUILDING
M300	MECHANICAL DETAILS
M301	MECHANICAL DETAILS AND OSA VENTILATION CALCULATIONS

NOTE: SEE SPECIAL PROVISIONS, ITEM NOS. 9240063, 9240066, AND 9240072.

DRAWING SHEET INDEX

DWG NO.	DRAWING SHEET NAME
4 PLUMBING	
P000	PLUMBING AXONOMETRIC - INSPECTION BUILDING
P001	PLUMBING ABBREVIATIONS & LEGEND
P002	PLUMBING SCHEDULES
P100	SANITARY WASTE FLOOR AND ROOF PLANS - ADMIN BUILDING & WEIGH SCALE
P110	SANITARY WASTE FLOOR PLAN - INSPECTION BUILDING - PIT LEVEL
P111	SANITARY WASTE FLOOR PLAN - INSPECTION BUILDING
P210	DOMESTIC WATER FLOOR PLAN - INSPECTION BUILDING
P310	PLUMBING ROOF PLAN - INSPECTION BUILDING
P400	ISOMETRIC PLAN - SANITARY WASTE & WEIGH SCALE
P410	ISOMETRIC PLAN - DOMESTIC WATER & COMPRESSED AIR
P500	PLUMBING DETAILS
P501	PLUMBING DETAILS
5 ELECTRICAL	
E000	ELECTRICAL COVER SHEET, LEGEND & ABBREVIATIONS
E002	GENERAL NOTES
E003	LIGHTING SPECIFICATIONS & ENERGY CALCULATIONS
E005	EQUIPMENT SCHEDULE
E030	ELECTRICAL DEMOLITION PLANS - ADMIN BUILDING
E070	ELECTRICAL SITE PLAN
E100	POWER PLAN - ADMIN BUILDING ADDITION & WEIGH SCALE
E110	POWER PLANS INSPECTION BUILDING
E210	ROOF POWER PLAN INSPECTION BUILDING
E300	LIGHTING PLAN ADMIN BUILDING ADDITION
E310	LIGHTING PLANS INSPECTION BUILDING
E600	ELECTRICAL ONE LINE DIAGRAM AND SCHEDULES
E700	PANEL SCHEDULES ADMIN BUILDING
E701	PANEL SCHEDULES INSPECTION BUILDING
E800	ELECTRICAL DETAILS
E801	ELECTRICAL DETAILS
E802	ELECTRICAL DETAILS

NOTE: SEE SPECIAL PROVISIONS, ITEM NOS. 9240063, 9240064, 9240068, AND 9240073.



LOCATION MAP
Not To Scale

NORTH

REGISTERED ARCHITECT — 18924 — Z. JAN E. LORANT — Date Signed 11/13/26 — ARIZONA, U.S.A. — EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
Revisions:	# Description	Date
	2 ADDENDUM #2	11/13/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
ARCHITECTURAL COVER SHEET

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	73	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A001**

___ OF ___

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CODE ANALYSIS - ADMIN BUILDING

GENERAL

LOCATION:	MILEPOST 383, INTERSTATE 10, SAN SIMON, AZ 85632
OWNER:	ARIZONA DEPARTMENT OF TRANSPORTATION
BUILDING SF:	EXISTING ADMIN BUILDING: 1,548 SF ENCLOSED (451 SF RENOVATED) NEW ADDITION: 746 SF ENCLOSED SUBTOTAL: 2,294 SF ENCLOSED EXIST. UNDER ROOF OVERHANGS: 1,006 SF NEW UNDER ROOF OVERHANGS 101 SF SUBTOTAL: 3,401 SF EXIST. SERVICE SHADE CANOPY 8,892 SF (UNOCCUPIED) TOTAL: 12,293 SF

APPLICABLE CODES & STANDARDS

2018 INTERNATIONAL BUILDING CODE (IBC)
2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2018 INTERNATIONAL FIRE CODE (IFC)
2018 INTERNATIONAL MECHANICAL CODE (IMC)
2018 INTERNATIONAL PLUMBING CODE (IPC)
2018 INTERNATIONAL FUEL GAS CODE (IFGC)
2017 NFPA 70 - NATIONAL ELECTRIC CODE (NEC)
2010 AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)
2017 ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
THE ARIZONANS WITH DISABILITIES ACT - AZ ADMINISTRATIVE CODE R10-3-401 THRU R10-3-404
NFPA 72 - FIRE ALARM AND SIGNALING
AMENDMENTS TO ABOVE CODES AND STANDARDS BY THE AUTHORITY HAVING JURISDICTION (AHJ)

OCCUPANCY CLASSIFICATION AND USE (IBC CHAPTER 3)

EXISTING ADMIN BUILDING & ADDITION: GROUP B BUSINESS
EXISTING ADMIN SHADE CANOPY: GROUP S-1 MODERATE-HAZARD STORAGE

BUILDING HEIGHTS AND AREAS (IBC CHAPTER 5)

TYPE OF CONSTRUCTION: V-B NS (NOT SPRINKLERED)

TABLE 504.3:
ALLOWABLE HEIGHT - TYPE V-B: B OCCUPANCY, NOT SPRINKLERED (NS) = 40'
S-1 OCCUPANCY, NOT SPRINKLERED (NS) = 40'
ACTUAL ADMIN BUILDING HEIGHT (B OCCUPANCY) = 15'-4"
ACTUAL ADMIN SHADE CANOPY HEIGHT (S-1 OCCUPANCY) = 16'-11"

TABLE 504.4:
ALLOWABLE NUMBER OF STORIES: B OCCUPANCY, NOT SPRINKLERED (NS) = 2
S-1 OCCUPANCY, NOT SPRINKLERED (NS) = 1
ACTUAL NUMBER OF STORIES - ADMIN BUILDING (B OCCUPANCY) = 1
ACTUAL NUMBER OF STORIES - ADMIN SHADE CANOPY (S-1 OCCUPANCY) = 1

TABLE 506.2:
ALLOWABLE AREA FACTOR: B OCCUPANCY, NOT SPRINKLERED (NS) = 9,000 SF
ALLOWABLE AREA FACTOR: S-1 OCCUPANCY, NOT SPRINKLERED (NS) = 9,000 SF

SECTION 506.2.2 - MIXED-OCCUPANCY, ONE-STORY BUILDINGS:
COMPLY WITH SECTION 508.1 BASED ON EQUATION 5-1 FOR EACH APPLICABLE OCUPANCY.

SECTION 506.3 - FRONTAGE INCREASE:

EQUATION 5-4: $W=(L_1 \times w_1 + L_2 \times w_2 + L_3 \times w_3 \ldots)/F$
$W = (81.6x30 + 11.7x30 + 6.2x30 + 7.1x30 + 16.2x30 + 26.0x30 + 9.3x30 + 10.0x30 + 9.8x30 + 69.5x30 + 128.2x30 + 69.5x30 + 23.9x4.5 + 19.3x5.2)/488.3 = 13,560.91/488.3 = 27.8$

EQUATION 5-5: $I_f = [F/P - 0.25]W/30$
$[445.1/488.3 - 0.25]27.8/30 = 0.613$

ALLOWABLE AREA CALCULATIONS - EQUATION 5-1: $A_a = A_t + (NS \times I_f)$
B OCCUPANCY: $A_a = 9,000 + (9,000 \times 0.613) = 9,000 + 5,517 = 14,517$ SF
S-1 OCCUPANCY: $A_a = 9,000 + (9,000 \times 0.613) = 9,000 + 5,517 = 14,517$ SF

SECTION 508.4.2 - ALLOWABLE BUILDING AREA, SEPARATED OCCUPANCIES:

	ACTUAL AREA		ALLOWABLE AREA
B OCCUPANCY:	3,401 SF *	<	14,517 SF
S-1 OCCUPANCY:	8,892 SF	<	14,517 SF

* INCLUDING AREA UNDER OVERHANGS

RATIO CALCULATIONS - ONE-STORY BUILDING:

B OCC. S-1 OCC.
(3,481 / 14,517) + (8,892 / 14,517) = 0.240+0.613 = 0.853

THIS SINGLE STORY BUILDING HAS A RATIO THAT DOES NOT EXCEED 1 AND IS THEREFORE COMPLIANT WITH SECTION 508.4.2.

SECTION 508.4.4 - SEPARATION:
PER TABLE 508.4, NO SEPARATION IS REQUIRED BETWEEN THE B AND S-1 OCCUPANCIES.

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (IBC TABLE 601)

TYPE V-B CONSTRUCTION:

PRIMARY STRUCTURAL FRAME	= 0 HOURS
BEARING WALLS - EXTERIOR	= 0 HOURS
BEARING WALLS - INTERIOR	= 0 HOURS
NONBEARING WALLS - EXTERIOR	= N/A
NONBEARING WALLS - INTERIOR	= 0 HOURS
FLOOR CONSTRUCTION	= 0 HOURS
ROOF CONSTRUCTION	= 0 HOUR

FIRE PROTECTION SYSTEM (IBC CHAPTER 9)

GROUP B PROTECTION:

AUTOMATIC SPRINKLER SYSTEM NOT REQUIRED AND NOT PROVIDED.

GROUP S-1 PROTECTION (IBC 903.2.9):

AUTOMATIC SPRINKLER SYSTEM NOT REQUIRED AND NOT PROVIDED - THE FIVE (5) CONDITIONS ARE NOT APPLICABLE.

MEANS OF EGRESS (IBC CHAPTER 10)

OCCUPANT LOAD (TABLE 1004.5):

ADMIN BUILDING - B OCCUPANCY - FUNCTION OF SPACE:

BUS. AREAS	1,083 SF / 150 GSF PER OCC. =	8 OCC.
BUS. AREA - ACCESSORY ASSEMBLY	118 SF / 7 NSF PER OCC. =	17 OCC.
BUS. AREAS - EXISTING	589 SF / 150 GSF PER OCC. =	4 OCC.
BUS. AREA - EXIST. - ACCESS. ASSEMB.	504 SF / 15 NSF PER OCC. =	34 OCC.
TOTALS =	2,294 SF	63 OCC.

NUMBER OF EXITS AND EXIT ACCESS DOORWAYS (TABLE 1006.2.1):

B OCCUPANCY, 49 OCC. OR LESS = 1 EXIT / EXIT ACCESS DOORWAY REQUIRED IN SPACE
NO SPACES OVER 49 OCCUPANTS IN BUILDING AND AT LEAST 1 EXIT DOOR PROVIDED FROM EACH SPACE. 8 EXIT DOORS TOTAL PROVIDED FROM BUILDING.
S-1 OCCUPANCY, 29 OCC. OR LESS = 1 EXIT / EXIT ACCESS DOORWAY REQUIRED IN SPACE
NOT APPLICABLE SINCE THIS OCCUPANCY IS ALL OUTSIDE

EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2):

B OCCUPANCY, NOT SPRINKLERED (NS) = 200 FEET MAX REQUIRED
MAXIMUM ACTUAL TRAVEL DISTANCE = 67 FEET
S-1 OCCUPANCY, NOT SPRINKLERED (NS) = 200 FEET MAX REQUIRED
NOT APPLICABLE SINCE THIS OCCUPANCY IS ALL OUTSIDE

BUILDING THERMAL ENVELOPE REQUIREMENTS (IECC CHAPTER 4)

CLIMATE ZONE: 3, ALL OTHER

OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS, R-VALUE METHOD (TABLE C402.1.3):

2
NEW ROOFS:
R-25 TOTAL REQUIRED WHEN CONTINUOUS ENTIRELY ABOVE ROOF DECK
R-25 MINIMUM CONTINUOUS INSULATION (CI) TO BE INSTALLED ENTIRELY ABOVE ROOF DECK, ALONG WITH 6" R-19 BATT INSULATION BELOW ROOF DECK

EXISTING ROOF:
EXISTING INSULATION TO REMAIN

WALLS (ABOVE GRADE):
METAL FRAMED: R-13 + R-7.5 CONTINUOUS INSULATION (CI) REQUIRED
6" R-19 BATT INSULATION TO BE INSTALLED IN METAL STUD FRAMED WALLS WITH 1.5" R-9 MINIMUM CONTINUOUS POLYISO INSULATION TO BE INSTALLED ON EXTERIOR SIDE OF METAL STUD FRAMED WALLS

WALLS (BELOW GRADE): NOT APPLICABLE

FLOORS: NOT APPLICABLE

SLAB-ON-GRADE FLOORS - UNHEATED SLABS: NO REQUIREMENT

BUILDING THERMAL ENVELOPE FENESTRATION REQUIREMENTS (TABLE C402.5):

FIXED VERTICAL FENESTRATION - MAXIMUM U-FACTOR = 0.45

ENTRANCE DOORS - MAXIMUM U-FACTOR = 0.77
ALUMINUM STOREFRONT SYSTEM SPECIFIED IS THERMALLY BROKEN WITH A U-FACTOR OF 0.34 AND IS TO BE INSTALLED FOR BOTH VERTICAL FENESTRATION AND ENTRANCE DOORS. INSULATED GLAZING WITH A U-FACTOR OF 0.29 IS SPECIFIED FOR ALL ALUMINUM STOREFRONT SYSTEMS AND DOORS.

INSULATED GLAZING - MAXIMUM SHGC = 0.25 FOR FIXED GLAZING
INSULATED GLAZING SPECIFIED HAS A 0.23 SHGC

MAXIMUM AREA OF VERTICAL FENESTRATION (PER SECTION C402.5.1) = 30%
TOTAL ABOVE-GRADE WALL AREA = 3,160 SF
TOTAL VERTICAL FENESTRATION AREA = 569 SF
18% OF WALL AREA IS FENESTRATION WHICH IS LESS THAN THE 30% MAXIMUM ALLOWED

OPAQUE DOOR THERMAL ENVELOPE ASSEMBLY MAXIMUM REQUIREMENTS (TABLE C402.1.2):

OPAQUE SWINGING DOORS - MAXIMUM U-FACTOR = 0.37
HOLLOW METAL DOORS ARE INSULATED WITH POLYURETHANE AND HAVE A SPECIFIED U-FACTOR OF 0.36.

REQUIRED PLUMBING FIXTURES (IBC TABLE 2902.1)

ADMIN BUILDING	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINKS
REQUIRED FIXTURES:	MALE	FEMALE	MALE	FEMALE		
OCCUP. & CLASSIF.: B - BUSINESS DESC.: OFFICE & SERVICE USES TOTAL OCC.: 63 (32 MALE, 32 FEMALE)	1 PER 25 FOR FIRST 50 AND 1 PER 50 FOR REMAINDER		1 PER 40 FOR FIRST 80 AND 1 PER 80 FOR REMAINDER		1 PER 100	1
ADMIN BLDG REQ'D FIXTURES (FRACTIONAL):	32/25 = 1.28	32/25 = 1.28	32/40 = 0.80	32/40 = 0.80	63/100 = 0.63	---
FROM INSPECTION BUILDING (FRACTIONAL):	11/100 = 0.11	11/100 = 0.11	11/100 = 0.11	11/100 = 0.11	21/1000 = 0.021	---
TOTAL REQUIRED FIXTURES (FRACTIONAL):	1.39	1.39	0.91	0.91	0.651	---
TOTAL REQUIRED FIXTURES (WHOLE NUMBER):	2	2	2	2	1	1
TOTAL FIXTURES PROVIDED: (EXISTING FIXTURES LOCATED WITHIN 500' AT ADMIN BLDG AND MODULAR OFFICE BLDG)	2 WC + 2 URINAL (IN ADMIN BLDG)	2 WC (IN ADMIN BLDG)	2 (IN ADMIN BLDG)	2 (IN ADMIN BLDG)	1 (IN NEW INSPECTION BLDG)	1 (EXISTING IN ADMIN BLDG)
	1 UNISEX WC (IN MODULAR OFFICE BLDG)		1 UNISEX (IN MODULAR OFFICE BLDG)			

LIFE SAFETY PLAN LEGEND

3-HOUR FIRE BARRIER W/ 3-HOUR OPENING PROTECTION
2-HOUR FIRE BARRIER W/ 90-MINUTE OPENING PROTECTION
1-HOUR FIRE BARRIER W/ 45-MINUTE OPENING PROTECTION
A.E.D. AUTOMATED EXTERNAL DEFIBRILLATOR
F.E.C. FIRE EXTINGUISHER CABINET

AREA OF SPACE *(IN SQUARE FEET)*
OCCUPANT LOAD FACTOR *(IN SQUARE FEET PER OCCUPANT)*
OCCUPANT LOAD *(IN NUMBER OF OCCUPANTS)*
000 SF
000 SF/OCC
O.L. = 000
OCCUPANT LOAD TAG

EGRESS COMPONENT TYPE
EGRESS COMPONENT CLEAR WIDTH *(IN INCHES)*
EGRESS CAPACITY FACTOR *(IN INCHES)*
EGRESS COMPONENT CAPACITY *(IN NUMBER OF OCCUPANTS)*
ACTUAL OCCUPANT LOAD *(IN NUMBER OF OCCUPANTS)*

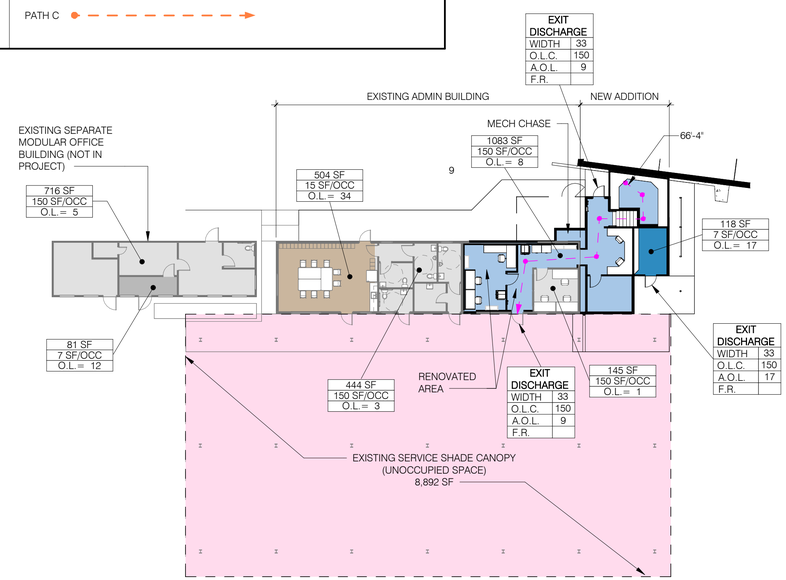
DOOR	
WIDTH	42"
C.F.	0.3"
O.L.C.	140
A.O.L.	3

MEANS OF EGRESS COMPONENT TAG
TYPES INCLUDE:
- *DOOR*
- *STAIRWAY*
- *EXIT DOOR*
- *EXIT STAIRWAY*
- *EXIT PASSAGEWAY*

LENGTH OF PATH
000'-00"
PATH A
PATH B
PATH C
EXIT ACCESS PATH OF TRAVEL

OCCUPANCY TYPE LEGEND

- B - BUSINESS - 150 GSF/OCC
- B - BUSINESS - ACCESSORY ASSEMBLY - W/O FIXED SEATS CONCENTRATED (CHAIRS ONLY) - 7 NSF/OCC
- B - BUSINESS (EXISTING) - 150 GSF/OCC
- B - BUSINESS (EXISTING) - ACCESSORY ASSEMBLY - W/O FIXED SEATS CONCENTRATED (CHAIRS ONLY) - 7 NSF/OCC
- B - BUSINESS (EXISTING) - ACCESSORY ASSEMBLY - W/O FIXED SEATS UNCONCENTRATED (TABLES & CHAIRS) - 15 NSF/OCC
- S-1 - MODERATE-HAZARD STORAGE (EXISTING) - 300 GSF/OCC



1 LIFE SAFETY PLAN - ADMIN BUILDING
1" = 20'-0"

PLAN NORTH NORTH

NO.	DESCRIPTION OF REVISION - CLARIFICATIONS TO BUILDING THERMAL ENVELOPE REQS	MADE BY - BMS	DATE - 11/13/26

11/19/2026 4:54:30 PM

18924 Z. JAN E. LORANT — REGISTERED ARCHITECT — ARIZONA, U.S.A. — Date Signed 11/13/26 — EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
Revisions:	# Description	Date
	2 ADDENDUM #2	11/13/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
LIFE SAFETY PLAN & CODE ANALYSIS - ADMIN BUILDING

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	74	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)
TRACS NO. F0728 01C
DWG NO. **A010**
___ OF ___

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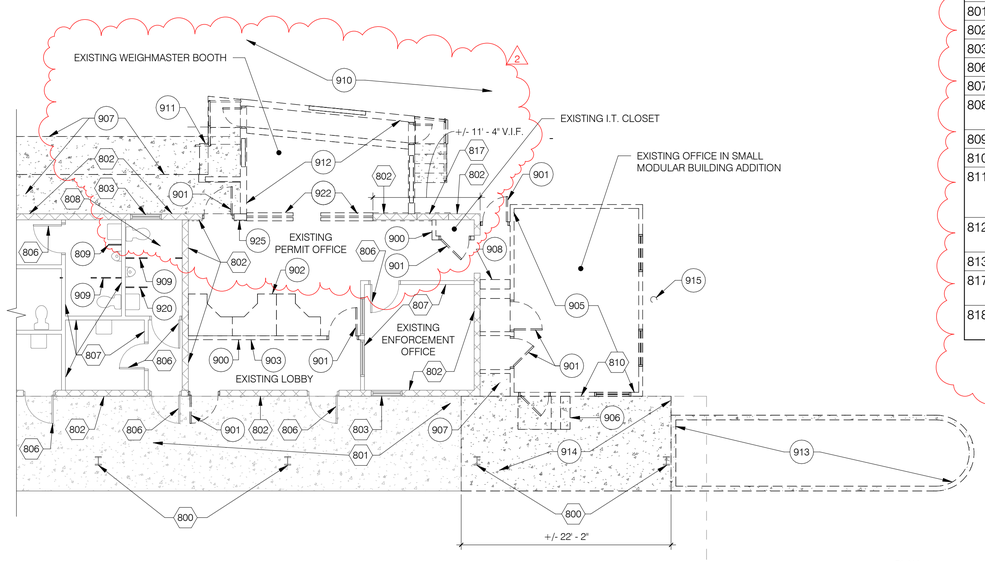
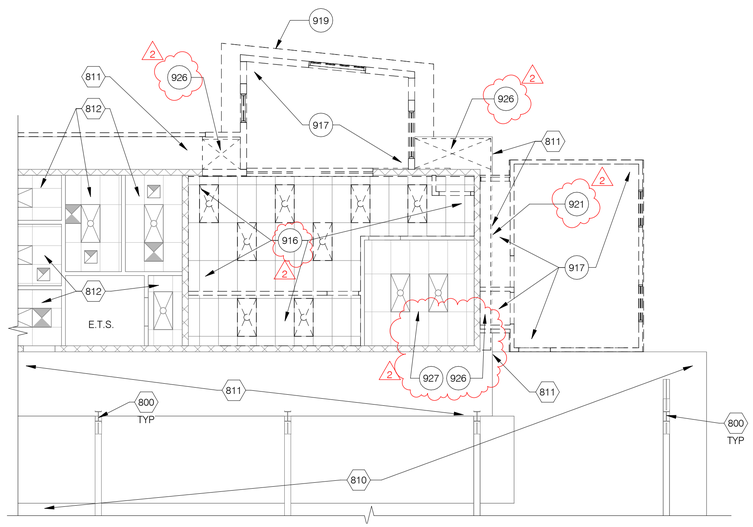


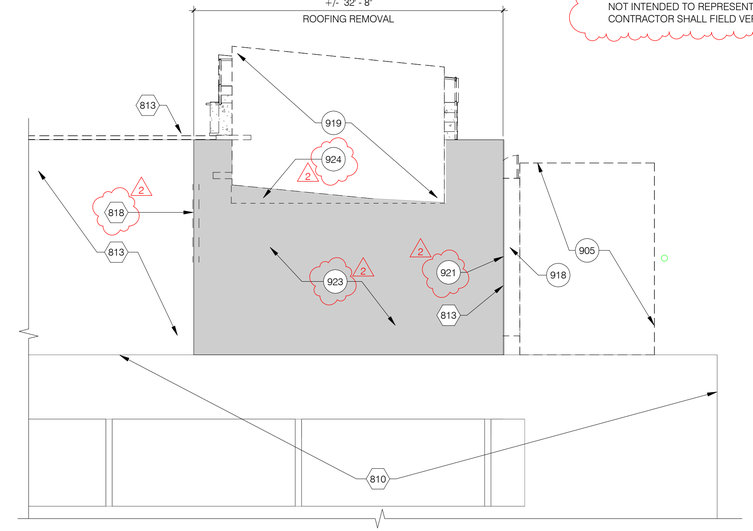
1 DEMOLITION FLOOR PLAN - ADMIN BUILDING
1/8" = 1'-0"

PLAN NORTH / NORTH



2 DEMOLITION RCP - ADMIN BUILDING
1/8" = 1'-0"

PLAN NORTH / NORTH



3 DEMOLITION ROOF PLAN - ADMIN BUILDING
1/8" = 1'-0"

PLAN NORTH / NORTH

KEYNOTES - EXISTING

800	EXISTING STEEL COLUMN TO REMAIN
801	EXISTING CONCRETE SLAB TO REMAIN
802	EXISTING MASONRY WALL TO REMAIN
803	EXISTING WINDOW FRAME TO REMAIN
806	EXISTING DOOR AND FRAME TO REMAIN
807	EXISTING FRAMED WALL TO REMAIN
808	ALL EXISTING PLUMBING FIXTURES AND TOILET ACCESSORIES IN THIS ROOM TO REMAIN
809	EXISTING URINAL SCREEN TO REMAIN
810	EXISTING STEEL SHADE CANOPY TO REMAIN IN ITS ENTIRETY
811	EXISTING ROOF OVERHANG TO REMAIN - COORDINATE MODIFICATIONS TO EXISTING SOFFIT AND FASCIA ASSEMBLIES REQUIRED BY NEW WORK
812	EXISTING CEILING AND CEILING-MOUNTED ITEMS (INCLUDING LIGHT FIXTURES) TO REMAIN
813	EXISTING ROOF TO REMAIN
817	EXISTING INFILLED FORMER DOOR OPENING IN EXISTING MASONRY WALL TO REMAIN
818	EXTEND ROOF REMOVAL TO THE WEST SIDE OF THE EXISTING MASONRY WALL BELOW

GENERAL NOTES - DEMOLITION

1. THE DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS MADE AVAILABLE TO THE ARCHITECT. PRIOR TO BIDDING, CONTRACTOR SHALL VERIFY THE ACCURACY OF THESE DRAWINGS IN COMPARISON TO ACTUAL FIELD CONDITIONS AND NOTIFY THE ARCHITECT IN WRITING OF CONFLICTING OR INACCURATE FIELD CONDITIONS IMPACTING THE WORK.
2. THESE DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE DRAWINGS TO DETERMINE THE SCOPE OF DEMOLITION.
3. FIELD VERIFY ACTUAL DIMENSIONS OF ALL EXISTING OPENINGS TO RECEIVE NEW DOORS, DOOR FRAMES, WINDOW FRAMES, OR STOREFRONT SYSTEMS PRIOR TO FABRICATION. NOTIFY ARCHITECT IN WRITING SHOULD ACTUAL DIMENSIONS DIFFER FROM THE DIMENSIONS SHOWN IN THESE DRAWINGS.
4. ALL COMPONENTS AND SYSTEMS THAT ARE DESCRIBED TO BE REMOVED SHALL BE REMOVED TO THE FULLEST EXTENT REQUIRED TO COMPLETE THE WORK.
5. EQUIPMENT, MATERIALS, OR ITEMS TEMPORARILY REMOVED FOR THE PURPOSE OF THE WORK SHALL BE REINSTALLED IN THEIR ORIGINAL LOCATIONS AND IN THEIR ORIGINAL CONDITION. IF A TEMPORARILY REMOVED ITEM IS DAMAGED DURING THE WORK, CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE EACH DAMAGED ITEM WITH A NEW ITEM THAT MATCHES THE EXISTING AT NO ADDITIONAL COST TO THE OWNER.
6. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND OVERSEEING DEMOLITION AND SALVAGE WORK THAT IS TO BE PERFORMED BY THE OWNER.
7. CONTRACTOR SHALL REVIEW THE SCOPE OF DEMOLITION TO ASCERTAIN THE EXISTENCE OF ANY HAZARDOUS MATERIALS REQUIRING SPECIAL ATTENTION. THE CONTRACTOR IS TO CONDUCT DUE DILIGENCE IN THE EVENT IT IS BELIEVED THERE ARE ADDITIONAL HAZARDOUS MATERIALS PRESENT IN THE WORK AREA.
8. ALL DEMOLITION WORK SHALL BE PERFORMED WITHOUT DISRUPTION TO ADJACENT OCCUPIED AREAS AND WITHOUT BEING OBTRUSIVE TO THE OWNER.
9. REFER TO AND COORDINATE WORK WITH MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
10. PROTECT EXISTING FIRE SPRINKLER ASSEMBLIES THAT ARE TO REMAIN DURING DEMOLITION. PROVIDE TEMPORARY SUPPORT OF PIPING AS REQUIRED. ALL MODIFICATIONS TO THE FIRE SPRINKLER SYSTEM SHALL CONFORM TO NFPA 13 AND THE INTERNATIONAL FIRE CODE, AS CURRENTLY ADOPTED AND AMENDED BY THE AUTHORITY HAVING JURISDICTION (AHJ).
11. IDENTIFY, DISCONNECT, REMOVE, AND CAP DESIGNATED UTILITIES WITHIN THE DEMOLITION AREAS AS REQUIRED TO ACCOMMODATE THE WORK. FIELD VERIFY EXISTING CONDUIT AND WIRING RUNS. NOTIFY THE OWNER PRIOR TO TURNING OFF ANY ELECTRICAL CIRCUITS. ALL ELECTRICAL SERVICES DISCONTINUED WITH THE DEMOLITION EFFORT SHALL BE PROPERLY "TAGGED OUT".
12. REMOVE ALL EXISTING FLOORING BASE (INCLUDING GLUE), CAULKING, AND OTHER MATERIALS ON SURFACES SCHEDULED TO BE REFINISHED OR EXPOSED IN THE NEW CONSTRUCTION. REMOVE ALL NAILS, SCREWS AND SIMILAR ANCHORING DEVICES FROM EXISTING SURFACES TO RECEIVE NEW MATERIALS OR FINISHES. PATCH WALLS, COLUMNS, AND OTHER SURFACES AS REQUIRED TO PROVIDE LEVEL AND SOUND SURFACES FOR THE INSTALLATION OF NEW FINISH MATERIALS.
13. EXISTING ELECTRICAL INSTALLATIONS SHOWN ON DEMOLITION DRAWINGS ARE NOT INTENDED TO REPRESENT A COMPLETE INVENTORY OF EXISTING CONDITIONS. CONTRACTOR SHALL FIELD VERIFY EXISTING INSTALLATIONS.

KEYNOTES - DEMOLITION

900	REMOVE EXISTING FRAMED WALL
901	REMOVE EXISTING DOOR AND DOOR FRAME
902	REMOVE EXISTING WORKSTATION COUNTERTOPS, INCLUDING WALL BRACKETS AND OTHER ASSOCIATED ITEMS - SALVAGE TO OWNER FOR REUSE
903	REMOVE EXISTING WALL-MOUNTED COUNTERTOP
905	REMOVE EXISTING SMALL MODULAR BUILDING ADDITION IN ITS ENTIRETY, INCLUDING FOUNDATIONS AND SLABS/PAVEMENT BELOW
906	REMOVE EXISTING CONCRETE STAIRS, LANDING, AND METAL RAILING
907	SAWCUT AND REMOVE EXISTING CONCRETE SLAB
908	REMOVE EXISTING STAIRS
909	REMOVE EXISTING TOILET PARTITION AND DOOR - PATCH WALL AND WALL FINISH TO MATCH EXISTING
910	REMOVE EXISTING WEIGH SCALE IN ITS ENTIRETY, INCLUDING FOUNDATIONS, UTILITY CONNECTIONS, TRAFFIC SIGNAL POST, AND OTHER ASSOCIATED ITEMS - SEE CIVIL DRAWINGS FOR FULL SCOPE OF WORK
911	REMOVE EXISTING CONCRETE STAIRS, METAL LANDING, AND METAL RAILINGS
912	REMOVE EXISTING WEIGHMASTER BOOTH BLDG ADDITION IN ITS ENTIRETY, INCLUDING WALLS, DOORS, WINDOWS, FLOORS, STAIRS, SLABS, FOUNDATIONS, ELEC & I.T. SYSTEMS, UTILITIES, & OTHER ASSOCIATED ITEMS. REMOVE ITEMS BACK TO AN AREA AT THE ADMIN BUILDING THAT IS TO REMAIN. COORD W/ ARCHITECT & OWNER ON SITE AS NECESSARY TO CONFIRM SYSTEMS/ITEMS THAT MUST REMAIN.
913	SEE CIVIL DRAWINGS FOR REMOVAL OF EXISTING CONCRETE CURB
914	SAWCUT AND REMOVE EXISTING CONCRETE/ASPHALT FLATWORK
915	REMOVE EXISTING FLAGPOLE, INCLUDING ITS FOUNDATION, AND SALVAGE TO OWNER FOR FUTURE OWNER REUSE
916	REMOVE EXISTING SUSPENDED ACOUSTICAL TILE CEILING, LIGHT FIXTURES, AND EXISTING THERMAL BATT INSULATION UNDERNEATH ROOF DECKING. SALVAGE VIDEO CAMERAS TO OWNER FOR REUSE.
917	REMOVE EXISTING CEILING, LIGHT FIXTURES, AND OTHER CEILING-MOUNTED ITEMS IN THEIR ENTIRETY
918	REMOVE EXISTING ROOF AND FRAMING BETWEEN ORIGINAL ADMIN BUILDING AND SMALL MODULAR BUILDING ADDITION
919	REMOVE EXISTING WEIGHMASTER BOOTH ROOF AND FRAMING BACK TO ORIGINAL ADMIN BUILDING ROOF - SEE ROOF PLAN FOR ADDITIONAL COORDINATION NOTES
920	REMOVE EXISTING URINAL SCREEN - PATCH WALL AND WALL FINISH TO MATCH EXISTING
921	REMOVE EXISTING METAL FLASHING AT FASCIA AS REQUIRED FOR NEW WORK - SEE ROOF PLAN SHEET
922	REMOVE EXISTING 2X4 FRAMED GYP. BOARD WALL AND ADJACENT FURRING - PROVIDE SHORING AT EXISTING ROOF FRAMING TO REMAIN
923	REMOVE EXISTING ROOFING TO EXISTING ROOF DECK
924	REMOVE EXISTING PLYWOOD DECK AS REQUIRED TO INSTALL MODIFIED FRAMING
925	REMOVE EXISTING STRUCTURAL WALL - PROVIDE STRUCTURAL DESIGN AND IMPLEMENTATION OF TEMPORARY SHORING AS NECESSARY
926	REMOVE EXISTING WOOD-SLAT SOFFIT CONSTRUCTION AND EXISTING METAL-CLAD WOOD FASCIA IN AREA OF NEW WORK. EXISTING ROOF FRAMING TO REMAIN. PRIOR TO DEMOLITION, FIELD VERIFY ALL EXISTING ELECTRICAL CONDUITS, WIRING, JUNCTION BOXES, DEVICES, AND OTHER ASSOCIATED EQUIPMENT WITHIN OR ATTACHED TO THE SOFFIT AND ROOF OVERHANG. SEE ELECTRICAL SHEETS FOR ADDITIONAL DEMOLITION REQUIREMENTS. COORDINATE DEMOLITION WORK WITH OWNER TO IDENTIFY ACTIVE ELECTRICAL & IT SYSTEMS TO REMAIN.
927	EXISTING SUSPENDED ACOUSTIC TILE CEILING AND LIGHT FIXTURES TO REMAIN. REMOVE EXISTING THERMAL BATT INSULATION UNDERNEATH ROOF DECKING AND ABOVE EXISTING CEILING SYSTEM. PROTECT EXISTING CEILING SYSTEM IN PLACE DURING CONSTRUCTION.

NO.	DESCRIPTION OF REVISION - CALRIFICATIONS TO NOTES, KEYNOTES & SCOPE OF DEMO WORK	MADE BY	DATE
2	ADDENDUM #2	BMS	11/13/26

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REGISTERED ARCHITECT — 18924 — Z. JAN E. LORANT — Date Signed 11/19/26 — ARIZONA, U.S.A. — EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
Revisions:	# Description	Date
	2 ADDENDUM #2	11/13/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
DEMOLITION PLANS - ADMIN BUILDING

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	76	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. A030

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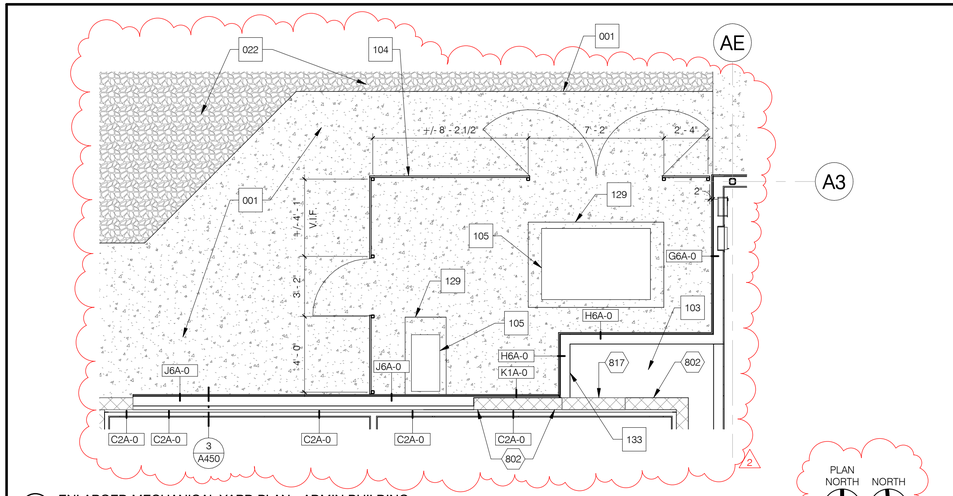


2 ENLARGED MECHANICAL YARD PLAN - ADMIN BUILDING
1/4" = 1'-0"

KEYNOTES - NEW WORK

001	5" THICK CONCRETE SLAB WITH #3 REBAR AT 18" O.C. EACH WAY - STANDARD GRAY COLOR AND LIGHT BROOM FINISH. INSTALL SLAB OVER 4" ABC FILL AND 95% MINIMUM COMPACTED FILL. PROVIDE TURN-DOWN AT EDGES WHERE THERE IS NO CURB.
003	SEE CIVIL DRAWINGS FOR SCOPE OF WORK IN THIS AREA
004	CIRCULAR CONTRACTION JOINT
008	30'-0" TALL FLAGPOLE AND CONCRETE FOUNDATION AT END OF PARKING AREA SIDEWALK - COORDINATE WITH CIVIL DRAWINGS AND CONFIRM PRECISE INSTALLATION LOCATION WITH ARCHITECT ON SITE PRIOR TO ROUGH-IN AND INSTALLATION.
009	SEE CIVIL DRAWINGS FOR CONTINUATION OF CONCRETE SLAB(S)
018	SEE CIVIL DRAWINGS FOR CONCRETE CURB
019	SIDEWALK TRENCH DRAIN
020	10'-0" HIGH ADOT TYPE 'A' SIGNAL POLE PER DRAWING NO. T.S. 4-1 WITH TRAFFIC SIGNAL MOUNTED TO TOP AND WEIGH SCALE SCOREBOARD MOUNTED TO SIDE OF POLE. SCOREBOARD AND TRAFFIC SIGNAL SHALL BE POSITIONED TO BE VIEWABLE TO TRUCK DRIVERS ON THE SCALE. CONFIRM PRECISE LOCATION OF POLE WITH ARCHITECT.
022	1" TO 3" RIP RAP - COLOR AS SELECTED BY ARCHITECT FROM ROCK SUPPLIER'S FULL RANGE OF AVAILABLE COLORS, INCLUDING PREMIUM COLORS

KEYNOTES - NEW WORK

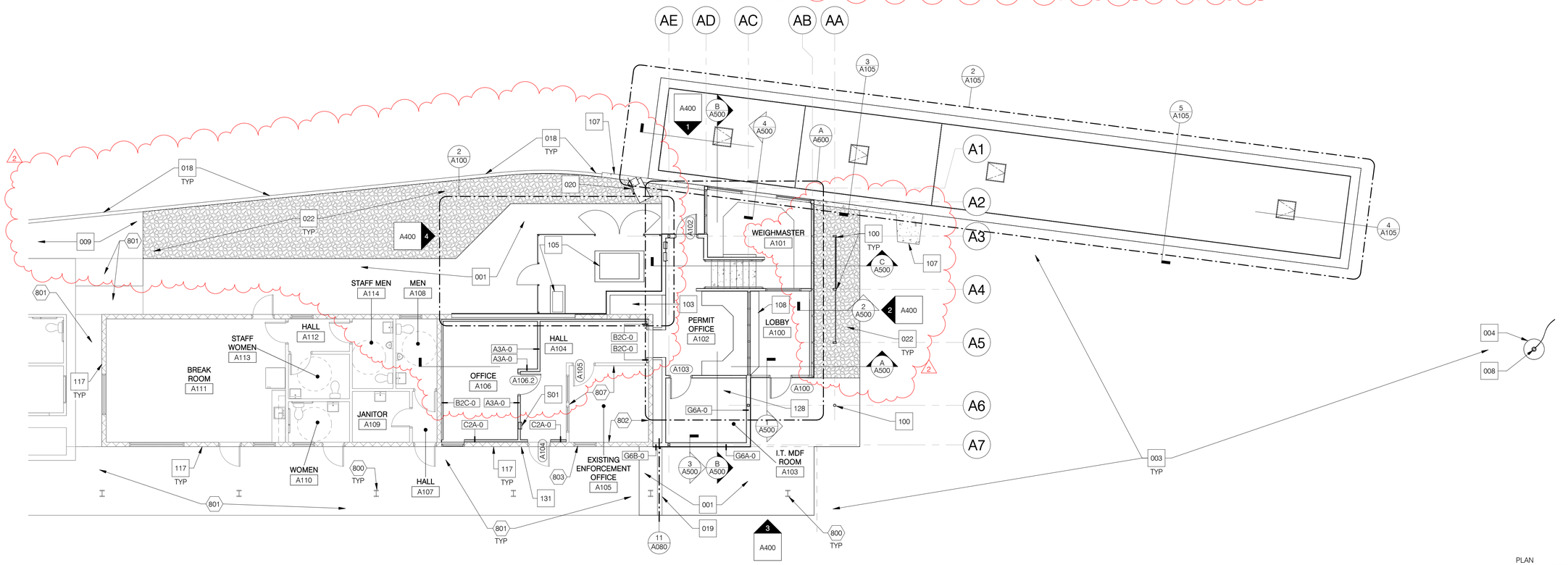
100	STEEL COLUMN - WHERE EXPOSED TO VIEW, PROVIDE PAINTED FINISH OR HIGH PERFORMANCE COATING (AT EXTERIOR) IN COLOR AS SELECTED BY ARCHITECT
103	MECHANICAL CHASE
104	METAL EQUIPMENT SCREEN ENCLOSURE WITH MATCHING SWING GATES
105	MECHANICAL UNIT/EQUIPMENT
107	CAST-IN-PLACE ARCHITECTURAL CONCRETE BARRIER WALL
108	SOLID SURFACE MATERIAL COUNTERTOP
117	PROVIDE PAINTED FINISH ON EXISTING EXTERIOR WALL AND ALL WALL-MOUNTED ITEMS, EXCEPT FOR SECURITY CCTV CAMERAS, SIGNAGE, CARD READERS, AND OTHER ITEMS WITH FACTORY FINISHES. FOR STEEL ITEMS SUCH AS DOORS, DOOR AND WINDOW FRAMES, AND STRUCTURAL STEEL, PROVIDE HIGH PERFORMANCE COATING. COLORS FOR PAINT AND HIGH PERFORMANCE COATING AS SELECTED BY ARCHITECT.
128	NO EQUIPMENT, PANELS, DEVICES, FINISHES, OR OTHER ITEMS OTHER THAN WHAT IS ALREADY SHOWN ON THE DRAWINGS MAY BE INSTALLED, ALTERED, OR ADDED WITHIN AN I.T. ROOM WITHOUT PRIOR APPROVAL FROM THE ARCHITECT & OWNER.
129	CONCRETE HOUSEKEEPING PAD
131	WALL-MOUNTED KNOX BOX FOR FIRE/POLICE ACCESS
133	EXTEND THIS WALL TO UNDERSIDE OF DECK TO PROVIDE AIR-TIGHT CLOSURE ABOVE SOFFIT ASSEMBLY
S01	SEMI-RECESSED FIRE EXTINGUISHER CABINET

GENERAL NOTES

1. FOR FRAMED WALLS, ALL DIMENSIONS ARE FROM CENTERLINE OF STUD TO CENTERLINE OF STRUCTURAL GRID, U.N.O. FOR MASONRY WALLS, ALL DIMENSIONS ARE FROM FACE OF MASONRY TO FACE OF MASONRY OR CENTERLINE OF STRUCTURAL GRID, U.N.O. VERIFY ALL EXISTING DIMENSIONS IN FIELD.
2. SEE SHEETS A180 & 181 FOR WALL TYPES AND A190 FOR WALL FRAMING DETAILS.
3. SEE DOOR SCHEDULE AND ELECTRICAL DOCUMENTS FOR ACCESS CONTROL LOCATIONS (I.E. CARD READERS).
4. SEE A600 SERIES SHEETS FOR ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS.
5. SEE ROOM FINISH SCHEDULE AND FINISH & MATERIAL LEGEND FOR FINISH ABBREVIATIONS.

KEYNOTES - EXISTING

800	EXISTING STEEL COLUMN TO REMAIN
801	EXISTING CONCRETE SLAB TO REMAIN
802	EXISTING MASONRY WALL TO REMAIN
803	EXISTING WINDOW FRAME TO REMAIN
807	EXISTING FRAMED WALL TO REMAIN
817	EXISTING INFILLED FORMER DOOR OPENING IN EXISTING MASONRY WALL TO REMAIN



1 FLOOR PLAN - ANNOTATED - ADMIN BUILDING & WEIGH SCALE
1/8" = 1'-0"

PLAN NORTH / NORTH

NO.	DESCRIPTION OF REVISION - CLARIFICATIONS TO KEYNOTES, WALL TYPES, & SCOPE OF WORK	MADE BY - BMS	DATE - 11/13/26
2			

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18924 Z. JAN E. LORANT — Date Signed 11/13/26 — ARIZONA U.S.A. — EXPIRES 6/30/2027

Issue Date:	10 JULY 2026		
Revisions:	#	Description	Date
	2	ADDENDUM #2	11/13/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
FLOOR PLAN - ANNOTATED - ADMIN BUILDING & WEIGH SCALE

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	80	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A100**

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NO.	DESCRIPTION OF REVISION - CLARIFICATIONS TO KEYNOTES, DIMENSIONS, & SCOPE OF WORK	MADE BY -	DATE -
2		BMS	11/13/26

GENERAL NOTES

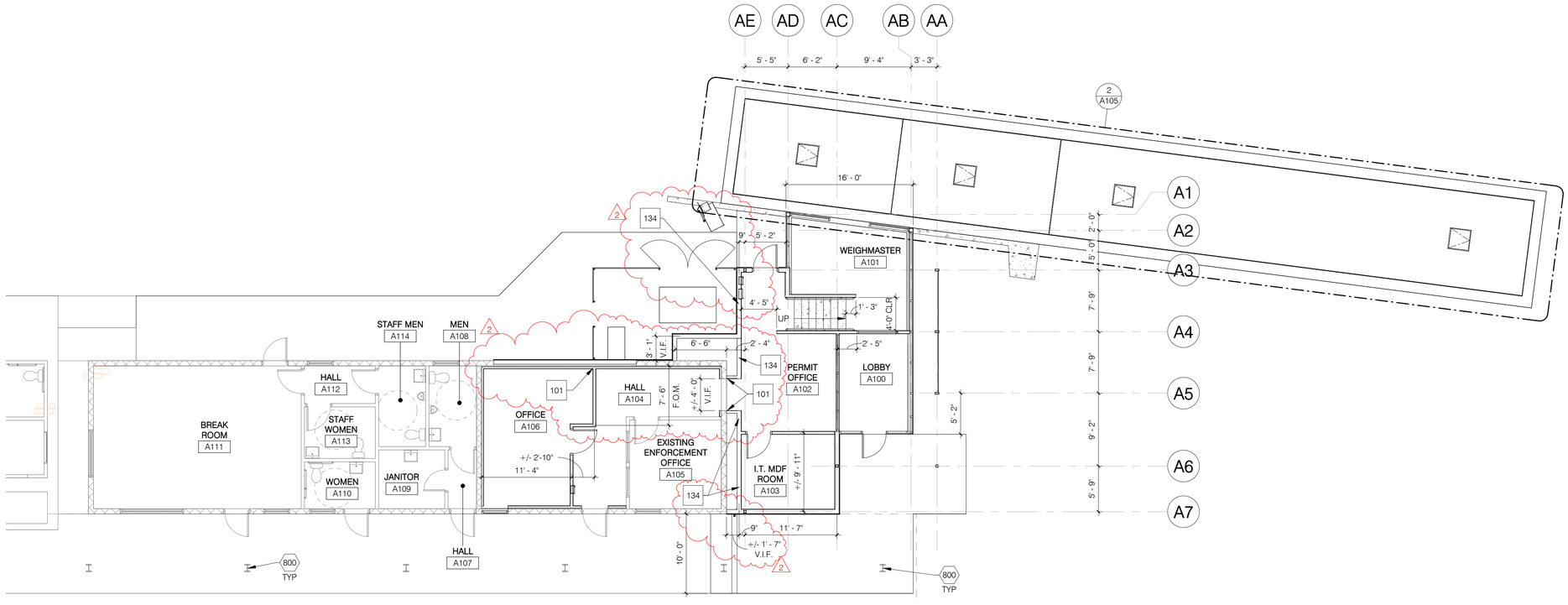
1. FOR FRAMED WALLS, ALL DIMENSIONS ARE FROM CENTERLINE OF STUD TO CENTERLINE OF STRUCTURAL GRID, U.N.O. FOR MASONRY WALLS, ALL DIMENSIONS ARE FROM FACE OF MASONRY TO FACE OF MASONRY OR CENTERLINE OF STRUCTURAL GRID, U.N.O. VERIFY ALL EXISTING DIMENSIONS IN FIELD.
2. SEE SHEETS A180 & A181 FOR WALL TYPES AND A190 FOR WALL FRAMING DETAILS.
3. SEE A600 SERIES SHEETS FOR ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS.

KEYNOTES - EXISTING

800	EXISTING STEEL COLUMN TO REMAIN

KEYNOTES - NEW WORK

101	ALIGN FACE OF WALL WITH FACE OF OPENING
134	WALL SHALL BE BUILT DIRECTLY ADJACENT TO EXISTING ROOF OVERHANG AND EXTEND UP BEYOND THAT OVERHANG. VERIFY PRECISE DIMENSION ONSITE AND ADJUST ENTIRE BUILDING ADDITION GRID SYSTEM TO THE EAST, IF NECESSARY. COORDINATE AND CONSULT WITH ARCHITECT AS NECESSARY.



1 FLOOR PLAN - DIMENSIONED - ADMIN BUILDING & WEIGH SCALE
1/8" = 1'-0"

PLAN NORTH
NORTH

18924
Z. JAN E. LORANT
Date Signed 11/13/26
ARIZONA, U.S.A.
EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
FLOOR PLAN - DIMENSIONED - ADMIN BUILDING & WEIGH SCALE

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	81	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A101**
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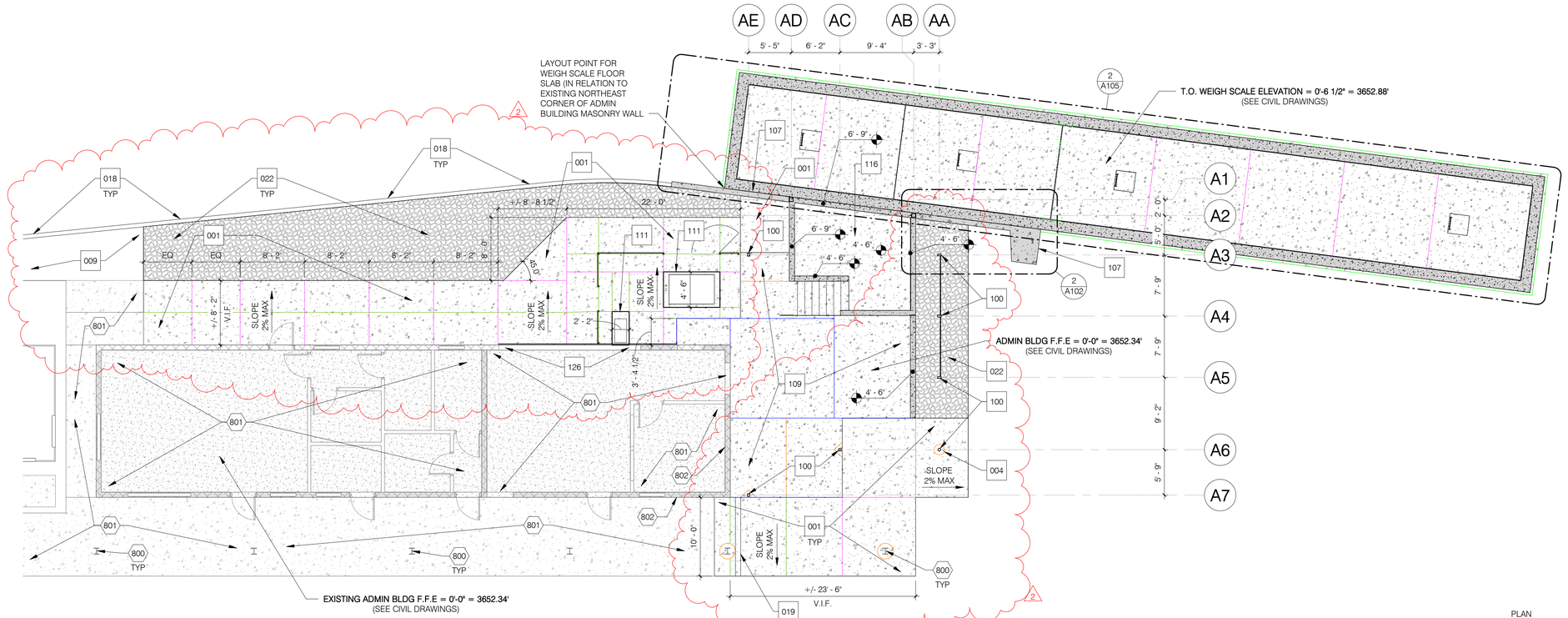
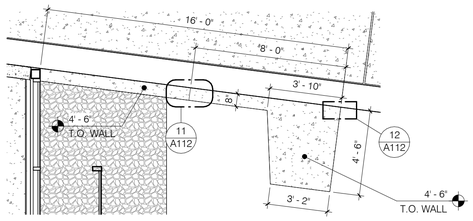


1 SLAB PLAN - ADMIN BUILDING & WEIGH SCALE
1/8" = 1'-0"

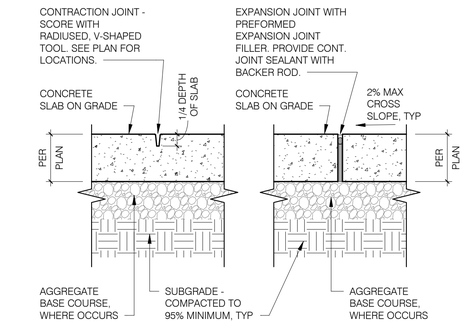
NOTE: SEE STRUCTURAL DRAWINGS.

PLAN NORTH NORTH

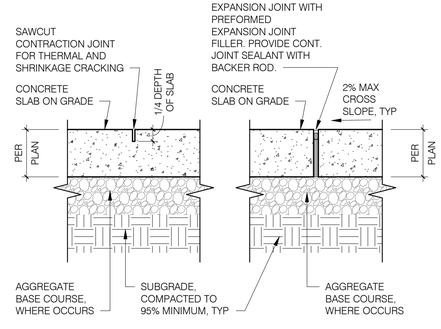


2 ENLARGED PLAN - CONCRETE BARRIER WALL AT WEIGHMASTER BOOTH
1/4" = 1'-0"

PLAN NORTH NORTH



B EXTERIOR CONC. SLAB CONTRACTION & EXPANSION JOINTS
1 1/2" = 1'-0"



A INTERIOR CONC. SLAB CONTRACTION & EXPANSION JOINTS
1 1/2" = 1'-0"

GENERAL NOTES

1. FOR FRAMED WALLS, ALL DIMENSIONS ARE FROM CENTERLINE OF STUD TO CENTERLINE OF STRUCTURAL GRID, U.N.O. FOR MASONRY WALLS, ALL DIMENSIONS ARE FROM FACE OF MASONRY TO FACE OF MASONRY OR CENTERLINE OF STRUCTURAL GRID, U.N.O. VERIFY ALL EXISTING DIMENSIONS IN FIELD.
2. SEE A180 SERIES SHEETS FOR WALL TYPES AND A190 FOR WALL FRAMING DETAILS.
3. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ACCESS CONTROL LOCATIONS (I.E. CARD READERS).
4. SEE A600 SERIES SHEETS FOR ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS.

SLAB JOINT LEGEND

- EXPANSION JOINT - INTERIOR
- CONTRACTION JOINT - INTERIOR
- EXPANSION JOINT - EXTERIOR
- CONTRACTION JOINT - EXTERIOR
- * NOTE: SEE SLAB JOINT DETAILS.

KEYNOTES - EXISTING

800	EXISTING STEEL COLUMN TO REMAIN
801	EXISTING CONCRETE SLAB TO REMAIN
802	EXISTING MASONRY WALL TO REMAIN

KEYNOTES - NEW WORK

001	5" THICK CONCRETE SLAB WITH #3 REBAR AT 18" O.C. EACH WAY - STANDARD GRAY COLOR AND LIGHT BROOM FINISH. INSTALL SLAB OVER 4" ABC FILL AND 95% MINIMUM COMPACTED FILL. PROVIDE TURN-DOWN AT EDGES WHERE THERE IS NO CURB.
004	CIRCULAR CONTRACTION JOINT
009	SEE CIVIL DRAWINGS FOR CONTINUATION OF CONCRETE SLAB(S)
018	SEE CIVIL DRAWINGS FOR CONCRETE CURB
019	SIDEWALK TRENCH DRAIN
022	1" TO 3" RIP RAP - COLOR AS SELECTED BY ARCHITECT FROM ROCK SUPPLIER'S FULL RANGE OF AVAILABLE COLORS, INCLUDING PREMIUM COLORS
100	STEEL COLUMN - WHERE EXPOSED TO VIEW, PROVIDE PAINTED FINISH OR HIGH PERFORMANCE COATING (AT EXTERIOR) IN COLOR AS SELECTED BY ARCHITECT
107	CAST-IN-PLACE ARCHITECTURAL CONCRETE BARRIER WALL
109	REINFORCED CONCRETE SLAB
111	CONCRETE EQUIPMENT SLAB - CONFIRM SLAB IS A MINIMUM OF 4" BEYOND THE SIZE OF THE EQUIPMENT TO SIT ON TOP OF IT
116	ELEVATED REINFORCED CONCRETE SLAB
126	PATCH/FLOAT EXISTING SLAB & STEMWALL AS NECESSARY TO MATCH ELEVATION OF EXISTING ADJACENT INTERIOR SLAB

NO. 2 | DESCRIPTION OF REVISION - CLARIFICATIONS TO KEYNOTES, DIMENSIONS, & SCOPE OF WORK | MADE BY - BMS | DATE - 11/13/26

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18924
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PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
SLAB PLAN - ADMIN BUILDING & WEIGH SCALE

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	82	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

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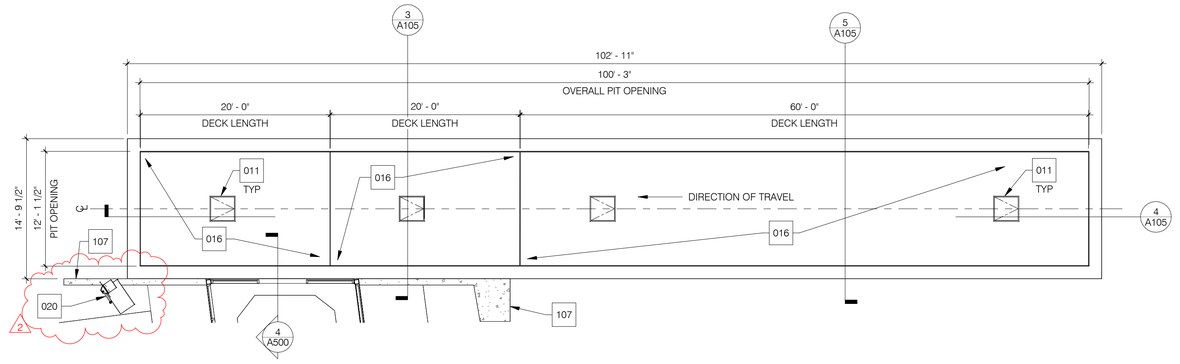
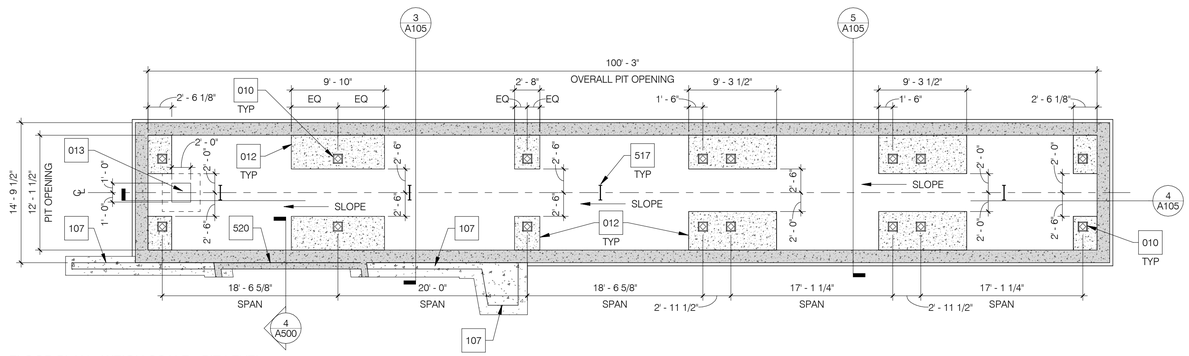


1 FLOOR PLAN - WEIGH SCALE - TOP PLATFORM
1/8" = 1'-0"

NOTE: PLAN ROTATED IN THIS VIEW FOR CLARITY. SEE STRUCTURAL DRAWINGS. COORDINATE ALL DIMENSIONS WITH WEIGH SCALE MANUFACTURER.



2 FLOOR PLAN - WEIGH SCALE - PIT LEVEL
1/8" = 1'-0"

NOTE: PLAN ROTATED IN THIS VIEW FOR CLARITY. SEE STRUCTURAL DRAWINGS. COORDINATE ALL DIMENSIONS WITH WEIGH SCALE MANUFACTURER.

GENERAL NOTES

1. FOR FRAMED WALLS, ALL DIMENSIONS ARE FROM CENTERLINE OF STUD TO CENTERLINE OF STRUCTURAL GRID, U.N.O. FOR MASONRY WALLS, ALL DIMENSIONS ARE FROM FACE OF MASONRY TO FACE OF MASONRY OR CENTERLINE OF STRUCTURAL GRID, U.N.O. VERIFY ALL EXISTING DIMENSIONS IN FIELD.
2. SEE A180 SERIES SHEETS FOR WALL TYPES AND A190 FOR WALL FRAMING DETAILS.
3. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ACCESS CONTROL LOCATIONS (I.E. CARD READERS).
4. SEE A600 SERIES SHEETS FOR ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS.

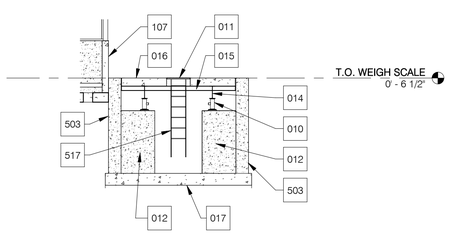
SLAB JOINT LEGEND

- EXPANSION JOINT - INTERIOR
- CONTRACTION JOINT - INTERIOR
- EXPANSION JOINT - EXTERIOR
- CONTRACTION JOINT - EXTERIOR

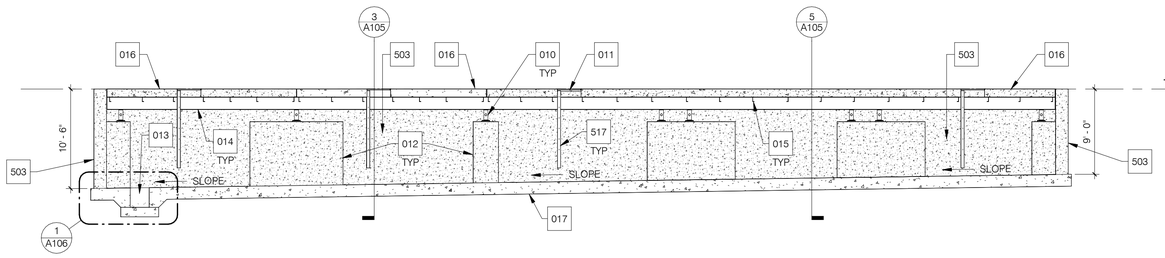
* NOTE: SEE SLAB JOINT DETAILS.

KEYNOTES - NEW WORK

010	WEIGH SCALE LOAD CELL ASSEMBLY
011	ACCESS DOOR / MANHOLE WITH SUSPENDED PIT LADDER - BY WEIGH SCALE MANUFACTURER
012	WEIGH SCALE CONCRETE PILASTER
013	WEIGH SCALE SUMP PUMP PIT
014	WEIGH SCALE MAIN STEEL GIRDER
015	WEIGH SCALE STEEL CROSSMEMBER
016	WEIGH SCALE REINFORCED CONCRETE DECK
017	WEIGH SCALE FOUNDATION PIT SLAB
020	10'-0" HIGH ADOT TYPE 'A' SIGNAL POLE PER DRAWING NO. T.S. 4-1 WITH TRAFFIC SIGNAL MOUNTED TO TOP AND WEIGH SCALE SCOREBOARD MOUNTED TO SIDE OF POLE. SCOREBOARD AND TRAFFIC SIGNAL SHALL BE POSITIONED TO BE VIEWABLE TO TRUCK DRIVERS ON THE SCALE. CONFIRM PRECISE LOCATION OF POLE WITH ARCHITECT.
107	CAST-IN-PLACE ARCHITECTURAL CONCRETE BARRIER WALL
503	CAST-IN-PLACE CONCRETE WALL
517	SUSPENDED PIT LADDER - BY WEIGH SCALE MANUFACTURER
520	CAST-IN-PLACE CONCRETE STEM WALL

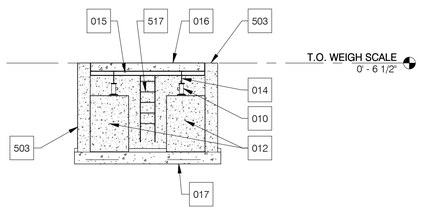


3 SECTION - WEIGH SCALE - LOOKING NORTHWEST
1/8" = 1'-0"



4 SECTION - WEIGH SCALE - LONG AXIS
1/8" = 1'-0"

NOTE: PLAN ROTATED IN THIS VIEW FOR CLARITY. SEE STRUCTURAL DRAWINGS. COORDINATE ALL DIMENSIONS WITH WEIGH SCALE MANUFACTURER.



5 SECTION - WEIGH SCALE - LOOKING SOUTHEAST
1/8" = 1'-0"

NO.	DESCRIPTION OF REVISION - CLARIFICATIONS TO NOTES AND KEYNOTES	MADE BY - BMS	DATE - 11/13/26
2			

11/19/2026 4:54:34 PM

REGISTERED ARCHITECT — 18924 — Z. JAN E. LORANT — Date Signed 11/13/26 — ARIZONA U.S.A. — EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
Revisions:	# Description	Date
	2 ADDENDUM #2	11/13/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
WEIGH SCALE PIT PLAN, SECTIONS AND DETAILS

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	83	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A105**

___ OF ___

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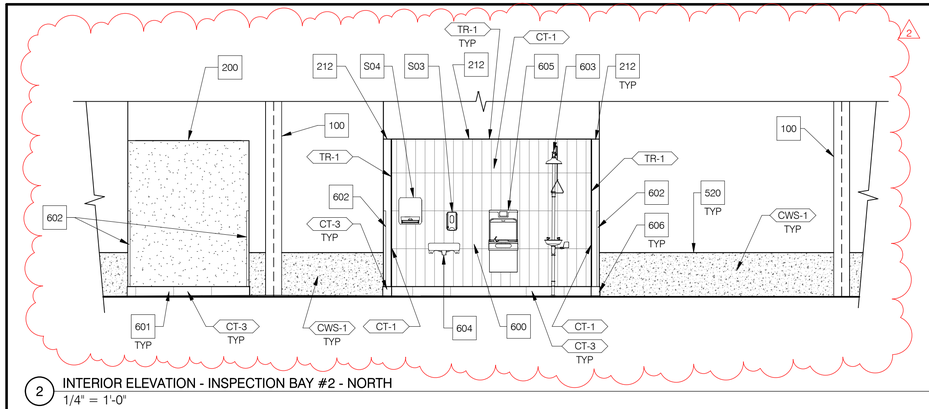


2 INTERIOR ELEVATION - INSPECTION BAY #2 - NORTH
1/4" = 1'-0"

GENERAL NOTES

1. FOR FRAMED WALLS, ALL DIMENSIONS ARE FROM CENTERLINE OF STUD TO CENTERLINE OF STRUCTURAL GRID, U.N.O. FOR MASONRY WALLS, ALL DIMENSIONS ARE FROM FACE OF MASONRY TO FACE OF MASONRY OR CENTERLINE OF STRUCTURAL GRID, U.N.O. VERIFY ALL EXISTING DIMENSIONS IN FIELD.
2. SEE SHEETS A180 & 181 FOR WALL TYPES AND A190 FOR WALL FRAMING DETAILS.
3. SEE DOOR SCHEDULE AND ELECTRICAL DOCUMENTS FOR ACCESS CONTROL LOCATIONS (I.E. CARD READERS).
4. SEE A600 SERIES SHEETS FOR ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS.
5. SEE ROOM FINISH SCHEDULE AND FINISH & MATERIAL LEGEND FOR FINISH ABBREVIATIONS.

KEYNOTES - NEW WORK

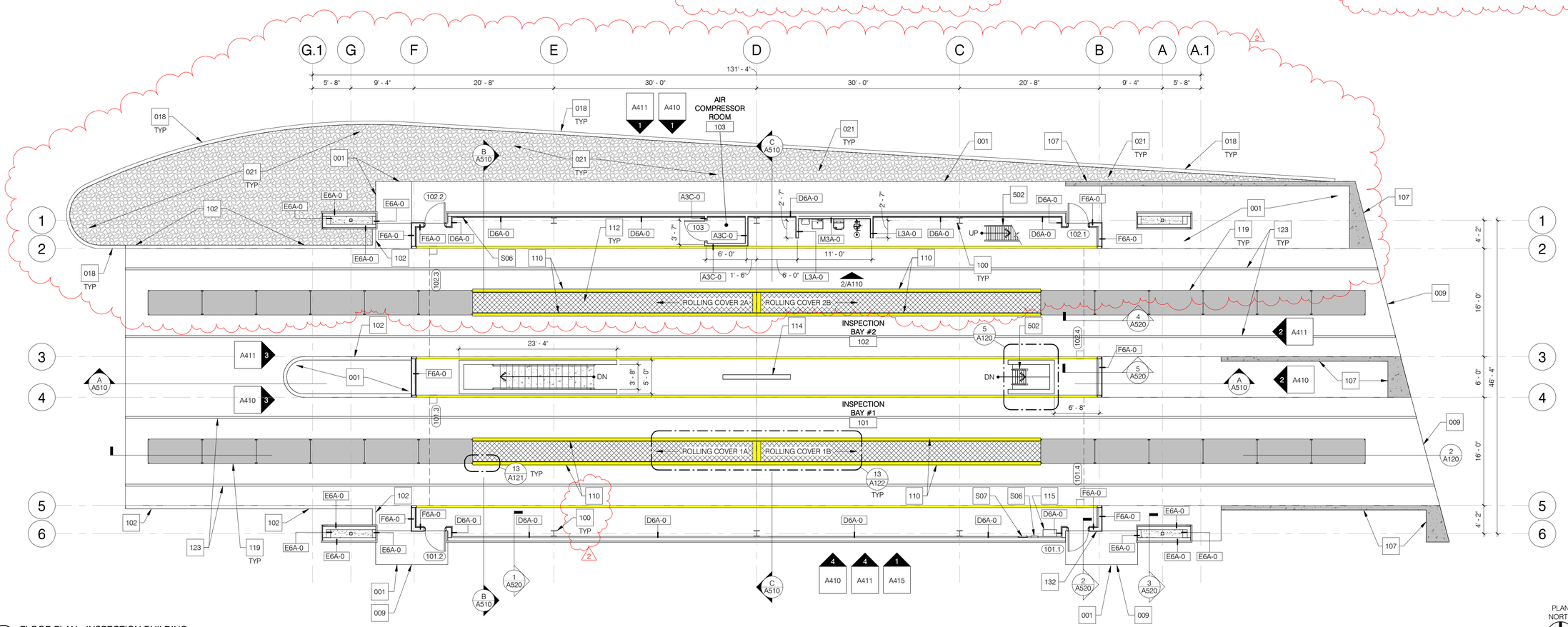
001	5" THICK CONCRETE SLAB WITH #3 REBAR AT 18" O.C. EACH WAY - STANDARD GRAY COLOR AND LIGHT BROOM FINISH. INSTALL SLAB OVER 4" ABC FILL AND 95% MINIMUM COMPACTED FILL. PROVIDE TURN-DOWN AT EDGES WHERE THERE IS NO CURB.
009	SEE CIVIL DRAWINGS FOR CONTINUATION OF CONCRETE SLAB(S)
018	SEE CIVIL DRAWINGS FOR CONCRETE CURB
021	3" TO 8" MEDIUM RIP RAP - COLOR AS SELECTED BY ARCHITECT FROM ROCK SUPPLIER'S FULL RANGE OF AVAILABLE COLORS, INCLUDING PREMIUM COLORS
100	STEEL COLUMN - WHERE EXPOSED TO VIEW, PROVIDE PAINTED FINISH OR HIGH PERFORMANCE COATING (AT EXTERIOR) IN COLOR AS SELECTED BY ARCHITECT
102	CONCRETE CURB

KEYNOTES - NEW WORK

107	CAST-IN-PLACE ARCHITECTURAL CONCRETE BARRIER WALL
110	STEEL ANGLE AT EDGE OF INSPECTION PIT FLOOR OPENING WITH TAPERED ENDS - PROVIDE HIGH PERFORMANCE COATING IN SAFETY YELLOW COLOR
112	HYDRAULIC ROLLING PIT COVER WITH STEEL GRATING - PROVIDE EACH COVER WITH ITS OWN COVER OPERATOR LOCATED WITHIN THE PIT
114	CAST-IN-PLACE CONCRETE WALL - T.O. WALL 4'-6" ABOVE RIDGE OF FLOOR SLAB
115	WALL-MOUNTED CCTV CABINET/PANEL
119	REMOVABLE TRAFFIC-RATED STEEL PLATE FLUSH WITH ADJACENT CONCRETE PAVEMENT - PROVIDE HIGH PERFORMANCE COATING IN COLOR AS SELECTED BY ARCHITECT
123	WHITE PAVEMENT STRIPING - COORDINATE PRECISE LOCATION AND EXTENT WITH ARCHITECT ON SITE DURING CONSTRUCTION
132	RECESSED WALL-MOUNTED KNOX BOX FOR FIRE/POLICE ACCESS
200	PROVIDE FINISHED GYPSUM BOARD CEILING CAP WITH PAINTED FINISH ON BOTH SIDES OF THE TOP OF THIS ROOM
212	PROVIDE 1/2" FINISHED GYPSUM BOARD CAP WITH PAINTED FINISH ON TOP OF GYPSUM BOARD WALL
502	ALUMINUM SHIP LADDER
520	CAST-IN-PLACE CONCRETE STEM WALL

KEYNOTES - NEW WORK

600	RECTANGULAR TILE ORIENTED VERTICALLY - LAYOUT TILE HORIZONTALLY ACROSS THE WALL WITH EQUAL CUT TILE AT EACH SIDE AND VERTICALLY ACROSS THE WALL WITH FULL TILE AT THE FLOOR AND CUT TILE AT THE CEILING
601	TILE BASE ON ALL SIDES OF THIS ROOM'S ENCLOSING GYPSUM BOARD WALLS WITH SANDED SILICONE SEALANT (COLOR TO MATCH TILE GROUT) WHERE TILE MEETS CONCRETE FLOOR AT BASE OF WALL
602	STAINLESS STEEL CORNER GUARD, 1-1/2" WING SIZE, 48" HEIGHT
603	EMERGENCY EYE WASH AND SHOWER
604	WALL-HUNG LAVATORY - INSTALLED JUST ABOVE CONCRETE STEM WALL
605	DRINKING FOUNTAIN WITH BOTTLE FILLER MOUNTED
606	TILE BASE ON ALL SIDES OF THE GYPSUM BOARD WALLS WITH SANDED SILICONE SEALANT (COLOR TO MATCH TILE GROUT) WHERE TILE MEETS CONCRETE FLOOR AT BASE OF WALL
S03	SURFACE-MOUNTED SOAP DISPENSER
S04	SURFACE-MOUNTED ELECTRIC PAPER TOWEL DISPENSER
S06	SEMI-RECESSED FIRE EXTINGUISHER CABINET. MOUNT CABINET WITH BOTTOM AT TOP OF CONCRETE STEM WALL.
S07	SEMI-RECESSED DEFIBRILLATOR (AED) CABINET. MOUNT CABINET WITH BOTTOM AT TOP OF CONCRETE STEM WALL.



1 FLOOR PLAN - INSPECTION BUILDING
1/8" = 1'-0"

NO.	DESCRIPTION OF REVISION - CLARIFICATIONS TO NOTES, WALL TYPES, & SCOPE OF WORK	MADE BY	DATE
2	ADDENDUM #2	BMS	11/13/26

11/19/2026 4:54:35 PM

18924 Z. JAN E. LORANT — Date Signed 11/13/26 — ARIZONA U.S.A. — EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
FLOOR PLAN - INSPECTION BUILDING

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	85	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A110**

___ OF ___

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NO.	DESCRIPTION OF REVISION - CLARIFICATIONS TO NOTES & SCOPE OF WORK	MADE BY -	DATE -
2		BMS	11/13/26

GENERAL NOTES

1. FOR FRAMED WALLS, ALL DIMENSIONS ARE FROM CENTERLINE OF STUD TO CENTERLINE OF STRUCTURAL GRID, U.N.O. FOR MASONRY WALLS, ALL DIMENSIONS ARE FROM FACE OF MASONRY TO FACE OF MASONRY OR CENTERLINE OF STRUCTURAL GRID, U.N.O. VERIFY ALL EXISTING DIMENSIONS IN FIELD.
2. SEE A180 SERIES SHEETS FOR WALL TYPES AND A190 FOR WALL FRAMING DETAILS.
3. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ACCESS CONTROL LOCATIONS (I.E. CARD READERS).
4. SEE A600 SERIES SHEETS FOR ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS.

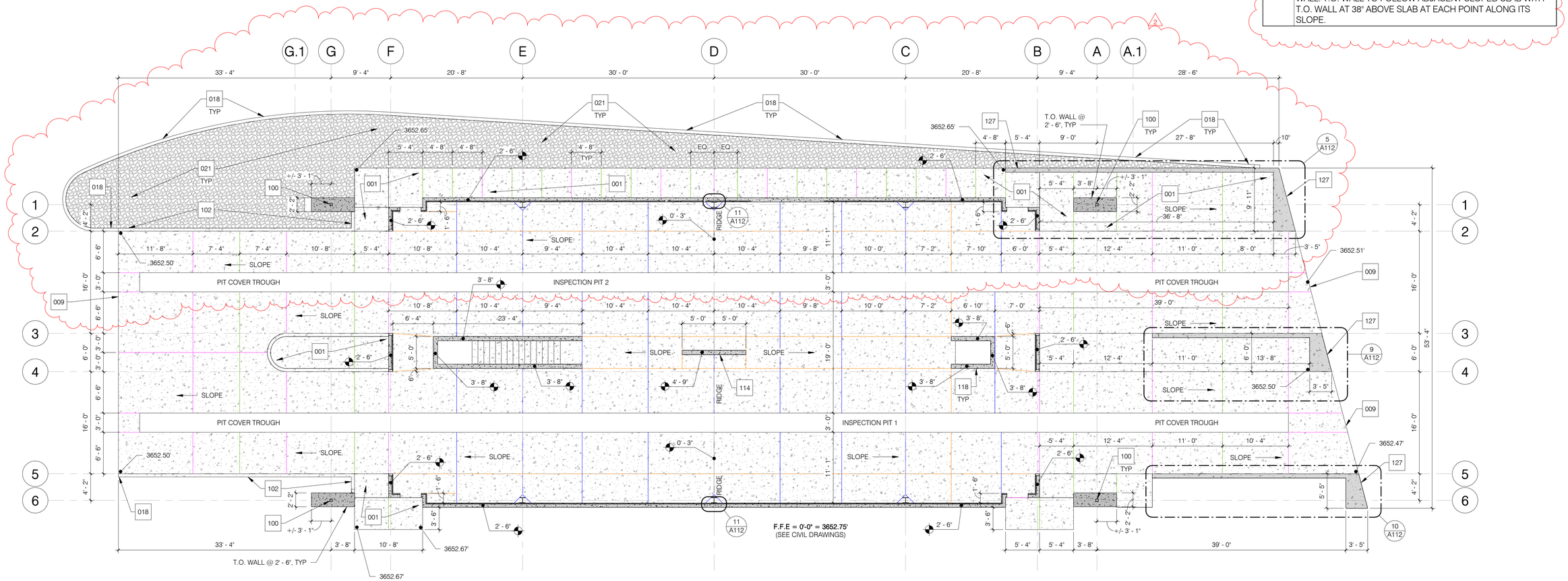
SLAB JOINT LEGEND

- EXPANSION JOINT - INTERIOR
- CONTRACTION JOINT - INTERIOR
- EXPANSION JOINT - EXTERIOR
- CONTRACTION JOINT - EXTERIOR

* NOTE: SEE SLAB JOINT DETAILS.

KEYNOTES - NEW WORK

001	5" THICK CONCRETE SLAB WITH #3 REBAR AT 18" O.C. EACH WAY - STANDARD GRAY COLOR AND LIGHT BROOM FINISH. INSTALL SLAB OVER 4" ABC FILL AND 95% MINIMUM COMPACTED FILL. PROVIDE TURN-DOWN AT EDGES WHERE THERE IS NO CURB.
009	SEE CIVIL DRAWINGS FOR CONTINUATION OF CONCRETE SLAB(S)
018	SEE CIVIL DRAWINGS FOR CONCRETE CURB
021	3" TO 8" MEDIUM RIP RAP - COLOR AS SELECTED BY ARCHITECT FROM ROCK SUPPLIER'S FULL RANGE OF AVAILABLE COLORS, INCLUDING PREMIUM COLORS
100	STEEL COLUMN - WHERE EXPOSED TO VIEW, PROVIDE PAINTED FINISH OR HIGH PERFORMANCE COATING (AT EXTERIOR) IN COLOR AS SELECTED BY ARCHITECT
102	CONCRETE CURB
114	CAST-IN-PLACE CONCRETE WALL - T.O. WALL 4'-6" ABOVE RIDGE OF FLOOR SLAB
118	CAST-IN-PLACE CONCRETE WALL - T.O. WALL 3'-6" A.F.F.
127	SLOPED CAST-IN-PLACE ARCHITECTURAL CONCRETE BARRIER WALL. T.O. WALL TO FOLLOW ADJACENT SLOPED SLAB WITH T.O. WALL AT 38" ABOVE SLAB AT EACH POINT ALONG ITS SLOPE.



1 SLAB & CONCRETE WALL PLAN - INSPECTION BUILDING - MAIN LEVEL
1/8" = 1'-0"

PLAN NORTH / NORTH

Issue Date:	10 JULY 2026		
Revisions:	#	Description	Date
	2	ADDENDUM #2	11/13/26

18924 Z. JAN E. LORANT — Date Signed 11/13/26 — ARIZONA U.S.A. — EXPIRES 6/30/2027

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
SLAB & CONCRETE WALL PLAN - INSPECTION BUILDING - FINISH FLOOR LEVEL

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	86	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A111**
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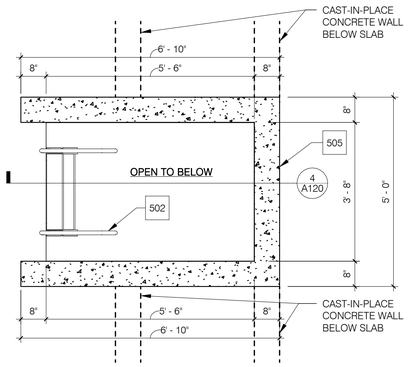
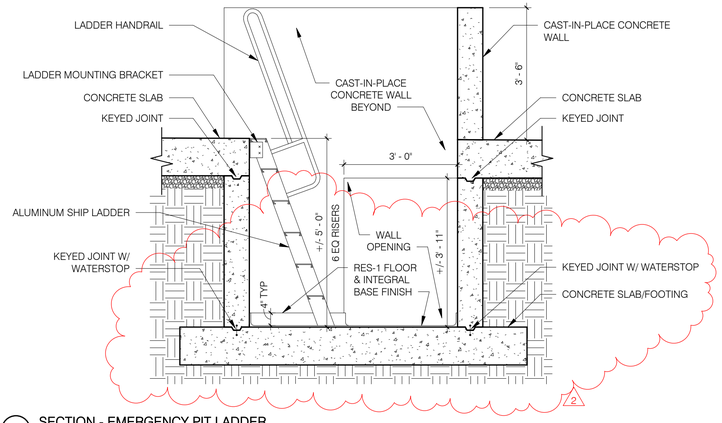


5 ENLARGED PLAN - EMERGENCY PIT LADDER
1/2" = 1'-0"



4 SECTION - EMERGENCY PIT LADDER
1/2" = 1'-0"

PLAN NORTH NORTH

KEYNOTES - NEW WORK

106	CONCRETE FOOTING ABOVE
107	CAST-IN-PLACE ARCHITECTURAL CONCRETE BARRIER WALL
113	HYDRAULIC ROLLING PIT COVER OPERATOR
120	CONCRETE SLAB/FOOTING
121	FLOOR DRAIN
122	INSPECTION BUILDING SUMP PUMP PIT
124	OPENING - WALL ABOVE
130	TRENCH DRAIN
502	ALUMINUM SHIP LADDER
505	CAST-IN-PLACE REINFORCED CONCRETE BARRIER WALL
506	MECHANICAL EXHAUST GRILLE

GENERAL NOTES

1. FOR FRAMED WALLS, ALL DIMENSIONS ARE FROM CENTERLINE OF STUD TO CENTERLINE OF STRUCTURAL GRID, U.N.O. FOR MASONRY WALLS, ALL DIMENSIONS ARE FROM FACE OF MASONRY TO FACE OF MASONRY OR CENTERLINE OF STRUCTURAL GRID, U.N.O. VERIFY ALL EXISTING DIMENSIONS IN FIELD.
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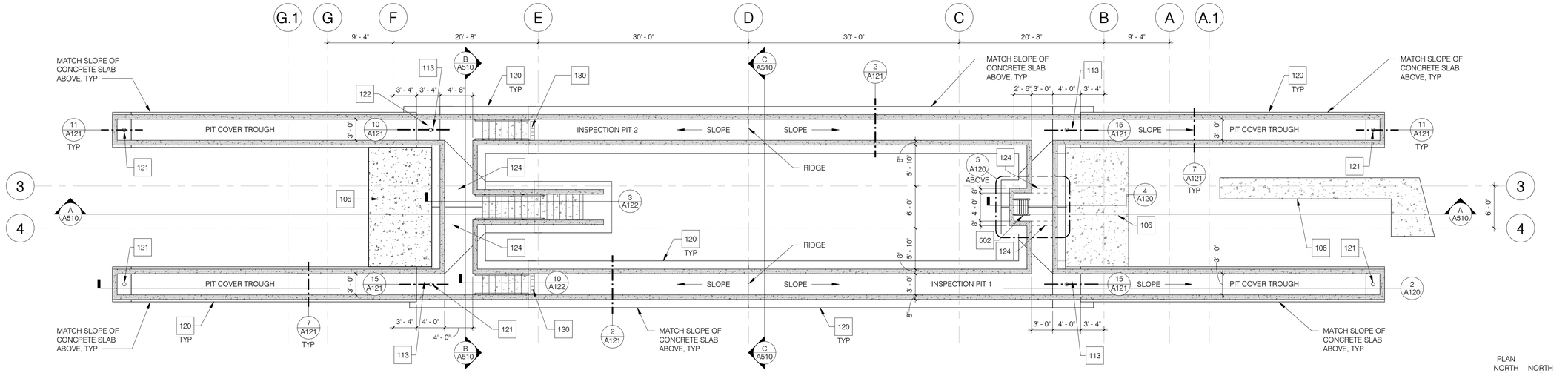
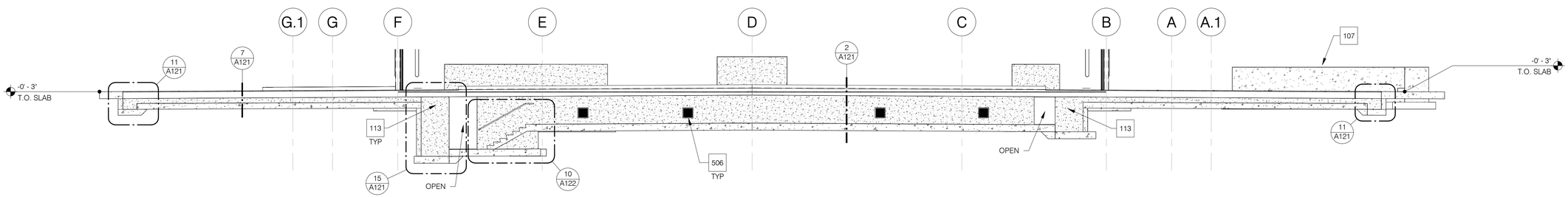


1 FLOOR & SLAB PLAN - INSPECTION BUILDING - PIT LEVEL
1/8" = 1'-0"

PLAN NORTH NORTH



2 SECTION - INSPECTION BUILDING - PIT LEVEL
1/8" = 1'-0"

NO.	DESCRIPTION OF REVISION - CLARIFICATIONS TO NOTES, KEYNOTES, AND FINISHES	MADE BY - BMS	DATE
2			

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Z. JAN E.
LORANT
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
FLOOR PLAN & SECTIONS - INSPECTION BUILDING - PIT LEVEL

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	88	200	

LOCATION SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A120**

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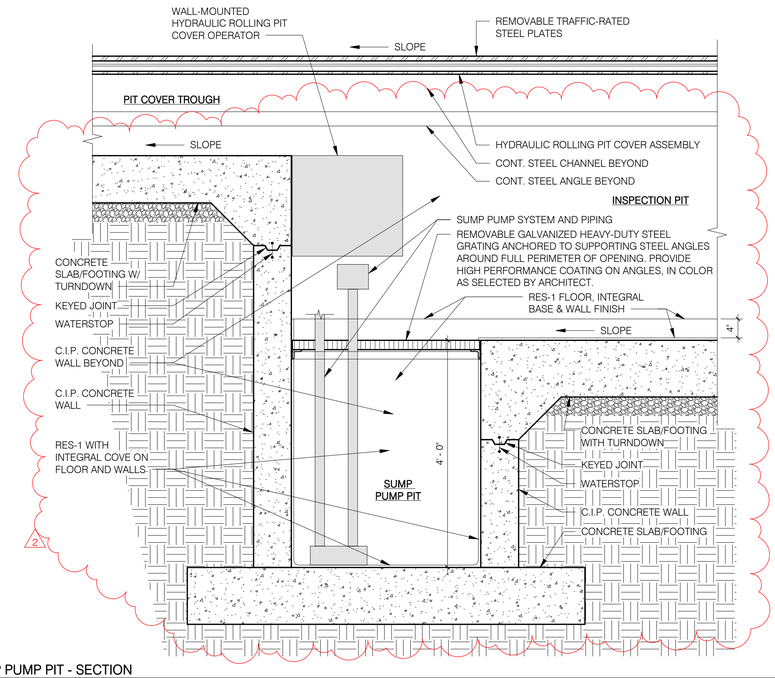
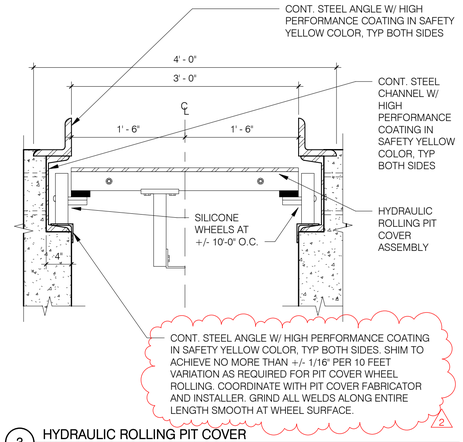
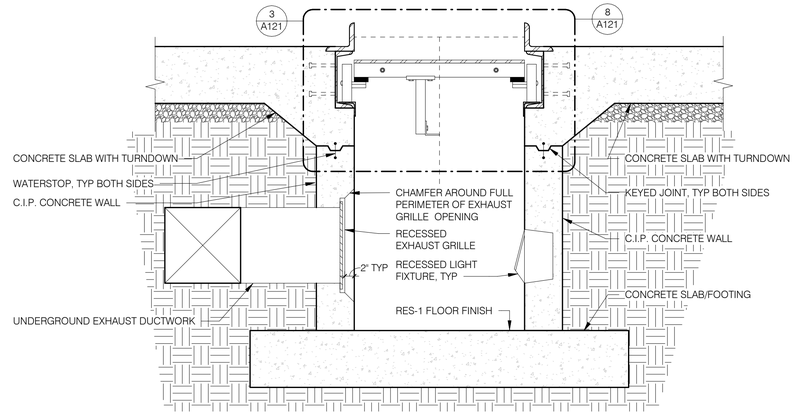


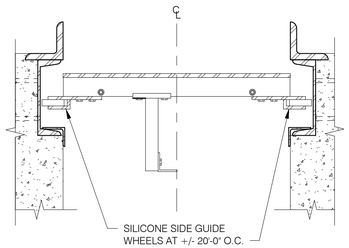
10 SUMP PUMP PIT - SECTION
3/4" = 1'-0"



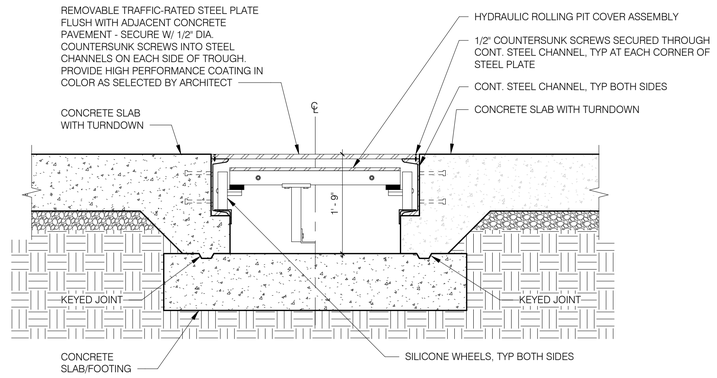
3 HYDRAULIC ROLLING PIT COVER
1" = 1'-0"



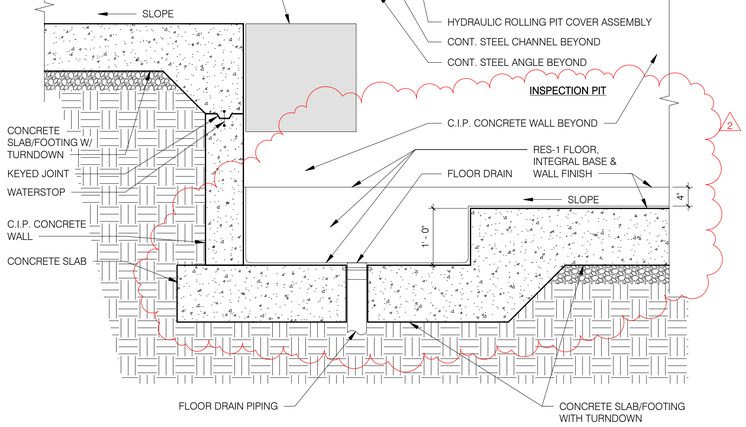
2 INSPECTION PIT - SECTION
3/4" = 1'-0"



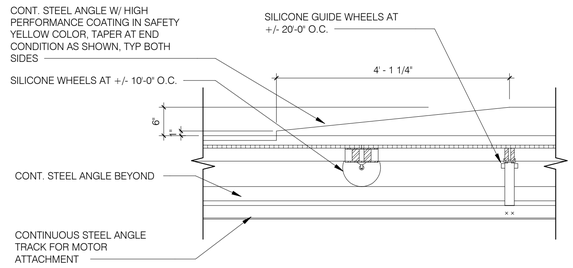
8 HYDRAULIC ROLLING PIT COVER - SIDE GUIDE WHEELS
1" = 1'-0"



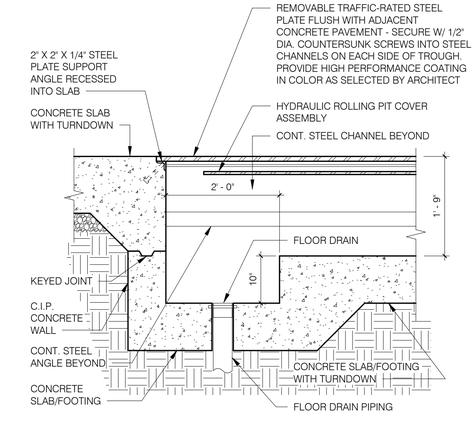
7 PIT COVER TROUGH - SECTION
3/4" = 1'-0"



15 FLOOR DRAIN PIT - SECTION
3/4" = 1'-0"



13 STEEL ANGLE FOR INSPECTION PIT END CONDITION
3/4" = 1'-0"



11 PIT COVER TROUGH - END CONDITION
3/4" = 1'-0"

NO.	DESCRIPTION OF REVISION - CLARIFICATIONS TO NOTES, FINISHES, & SCOPE OF WORK	MADE BY -	DATE -
2		BMS	11/13/26

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REGISTERED PROFESSIONAL ENGINEER
18924
Z. JAN E. LORANT
Date Signed 11/13/26
ARIZONA U.S.A.
EXPIRES 6/30/2027

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
INSPECTION PIT DETAILS

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	89	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A121**
___ OF ___

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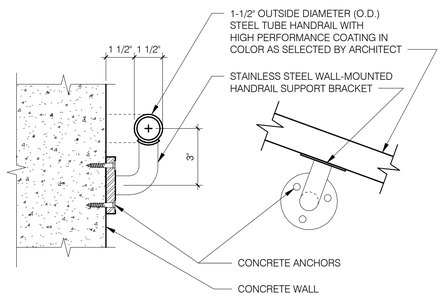
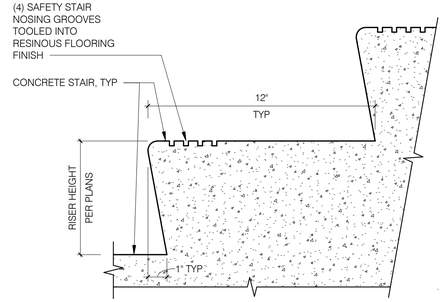
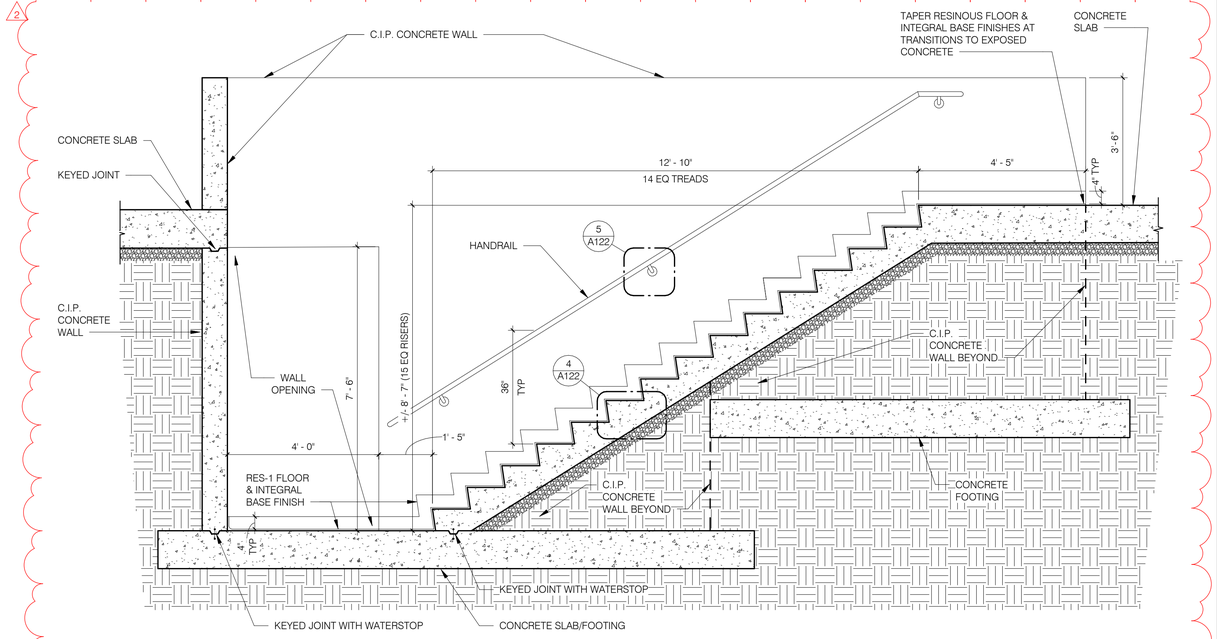


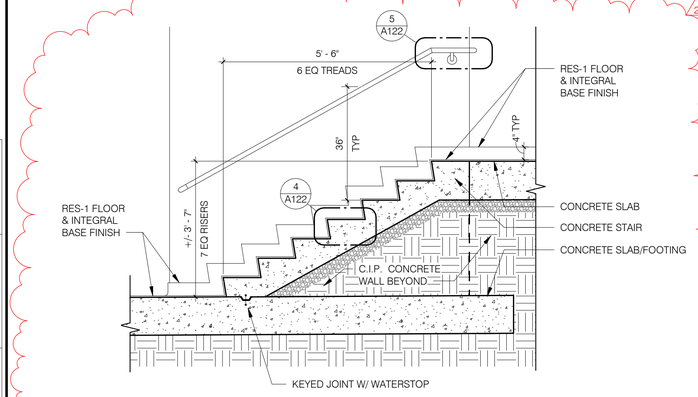
5 HANDRAIL & SUPPORT BRACKET IN CONCRETE WALL
3" = 1'-0"



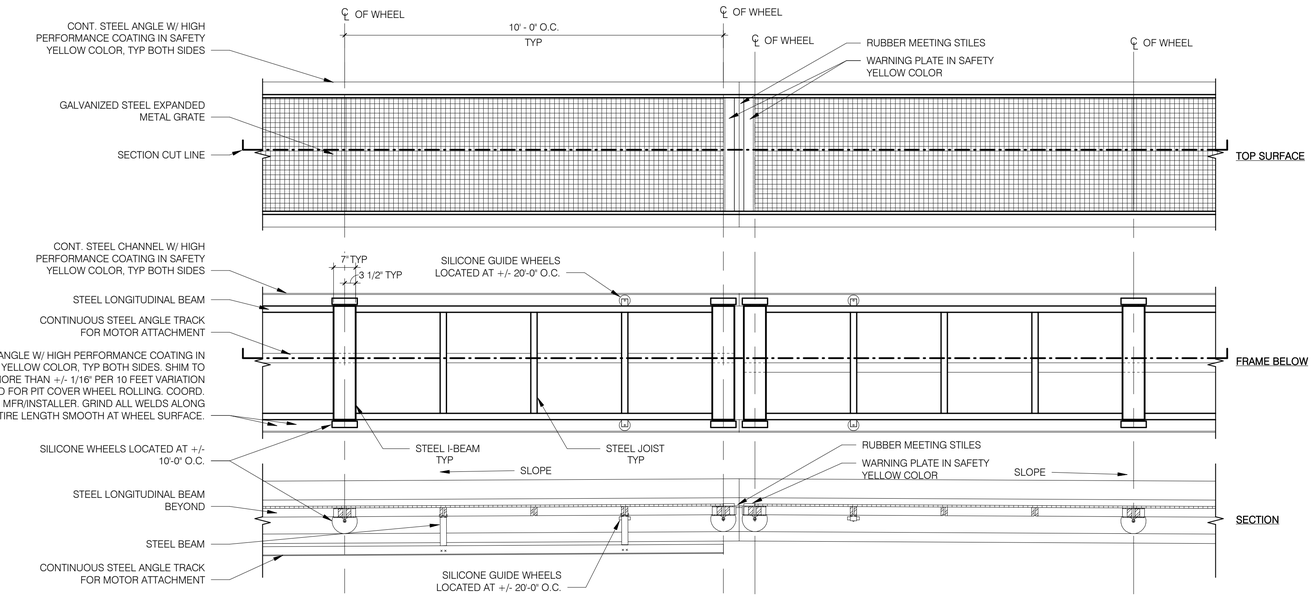
4 TYPICAL CAST-IN-PLACE CONCRETE STAIR NOSING
3" = 1'-0"



3 INSPECTION PIT CENTER STAIR - SECTION
1/2" = 1'-0"



10 INSPECTION PIT SHORT STAIR - SECTION
1/2" = 1'-0"



13 HYDRAULIC ROLLING PIT COVER - TYPICAL SEGMENT
1/2" = 1'-0"

NO.	DESCRIPTION OF REVISION - CLARIFICATIONS TO NOTES & FINISHES	MADE BY	DATE
2		BMS	11/13/26

11/19/2026 4:54:37 PM

CONSTRUCTION REGISTRANT
18924
Z. JAN E.
LORANT
Date Signed 11/13/26
ARIZONA U.S.A.
EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
Revisions:	Description	Date
	2 ADDENDUM #2	11/13/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
INSPECTION PIT DETAILS

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	90	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A122**

___ OF ___

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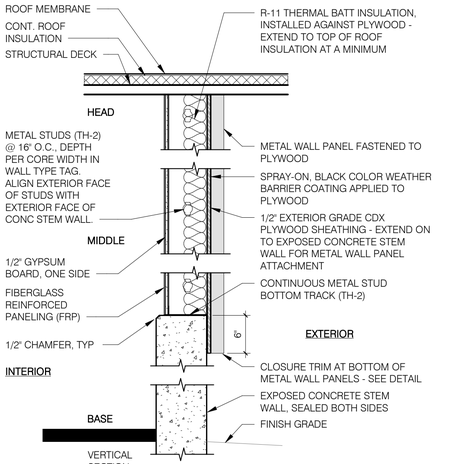
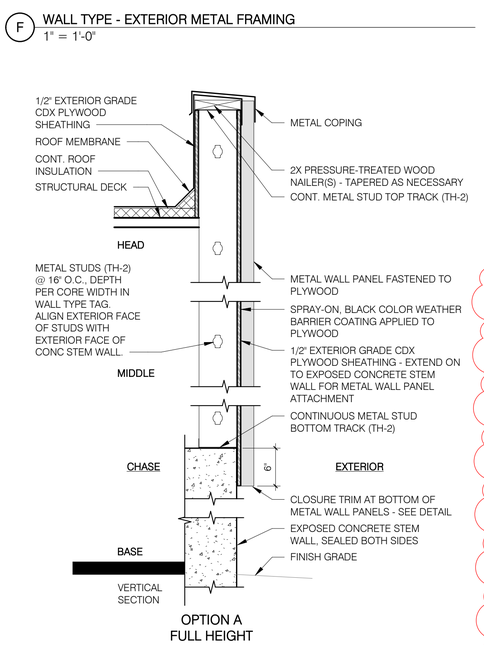


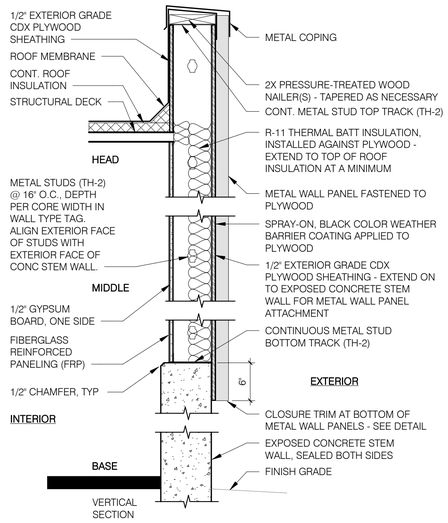
OPTION A
FULL HEIGHT

F WALL TYPE - EXTERIOR METAL FRAMING
1" = 1'-0"



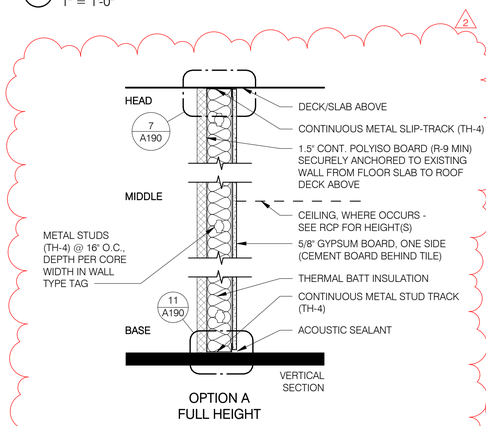
OPTION A
FULL HEIGHT

E WALL TYPE - EXTERIOR METAL FRAMING
1" = 1'-0"



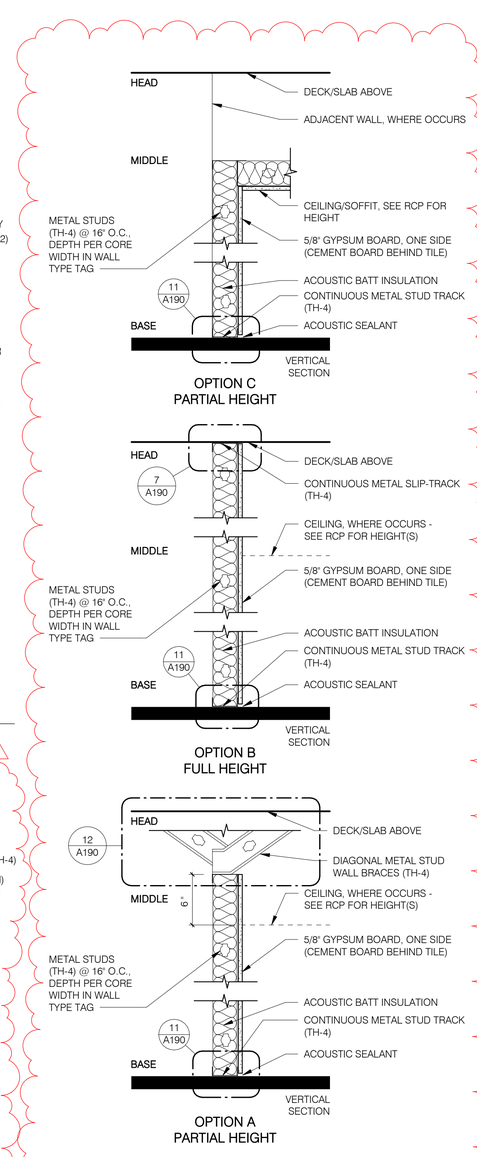
OPTION A
FULL HEIGHT

D WALL TYPE - EXTERIOR METAL FRAMING
1" = 1'-0"



OPTION A
FULL HEIGHT

C WALL TYPE - INTERIOR METAL FRAMING ON EXIST EXTR WALL
1" = 1'-0"

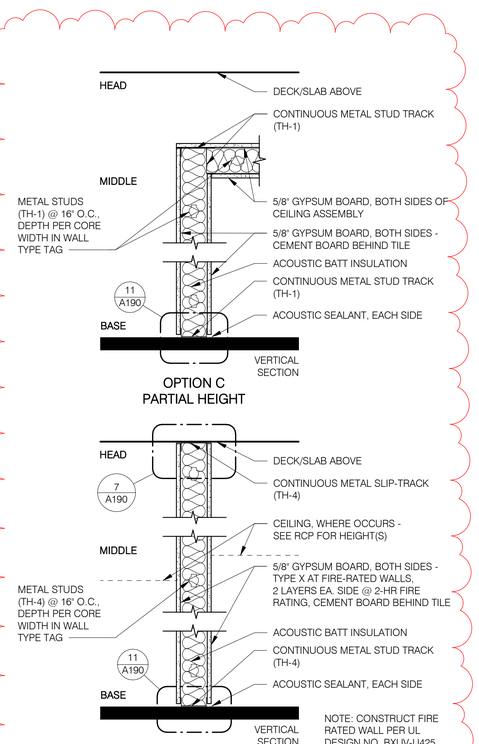


OPTION C
PARTIAL HEIGHT

OPTION B
FULL HEIGHT

OPTION A
PARTIAL HEIGHT

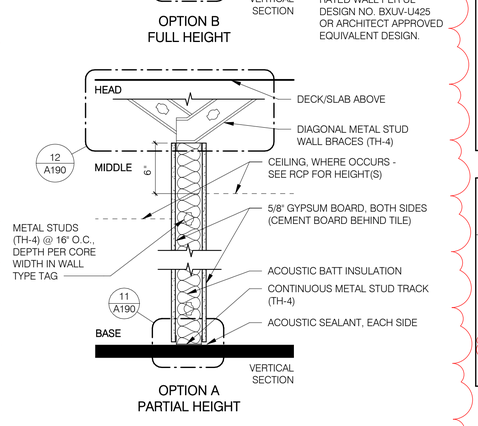
B WALL TYPE - INTERIOR METAL FRAMING
1" = 1'-0"



OPTION C
PARTIAL HEIGHT

NOTE: CONSTRUCT FIRE RATED WALL PER UL DESIGN NO. BXUV-U425 OR ARCHITECT APPROVED EQUIVALENT DESIGN.

OPTION B
FULL HEIGHT



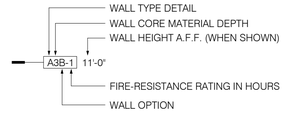
OPTION A
PARTIAL HEIGHT

A WALL TYPE - INTERIOR METAL FRAMING
1" = 1'-0"

GENERAL NOTES - WALL TYPES

1. SEE PLANS, SECTIONS, AND INTERIOR ELEVATIONS FOR FINISHES APPLIED TO WALLS, SUCH AS TILE, VINYL WALL COVERING, ACOUSTIC PANELS, AND OTHER FINISHES.
2. SEE WALL FRAMING DETAILS FOR ADDITIONAL INFORMATION ON THE CONSTRUCTION OF WALLS AND TYPICAL CONDITIONS.
3. MINIMUM CONSTRUCTION REQUIREMENTS FOR EACH WALL TYPE:
   A. ALL METAL STUD FRAMING TO BE MINIMUM 22 MIL/57 KSI OR 30 MIL/33KSI, OR AS INDICATED IN STRUCTURAL DRAWINGS AND SPECIFICATIONS. PROVIDE HEAVIEST GAUGE/THICKNESS WHEN MORE THAN ONE THICKNESS IS INDICATED.
   B. ALL INTERIOR GYPSUM BOARD SHALL BE 5/8" THICK, U.N.O.
   C. MAXIMUM METAL STUD SPACING SHALL BE 16" O.C., U.N.O.
   D. PROVIDE STUDS OF DEPTH/WIDTH NOTED IN THE DRAWINGS OR IN REFERENCED DESIGN STANDARDS, APPROVALS AND TEST REPORTS.
   E. THERMAL AND ACOUSTIC INSULATION SHALL HAVE A THICKNESS EQUAL TO STUD DEPTH AND SHALL EXTEND THROUGHOUT THE WALL CAVITY, U.N.O.
4. PROVIDE METAL STUDS THAT ARE A MINIMUM THICKNESS OF 38 MIL (57 KSI STEEL) OR 43 MIL (33 KSI STEEL) WHEN WALL HEIGHT EXCEEDS THE FOLLOWING:
   A. 2-1/2" METAL STUDS: 10'-9"
   B. 3-5/8" METAL STUDS: 14'-0"
   C. 4" METAL STUDS: 14'-0"
   D. 6" METAL STUDS: 20'-0"
5. THE WALL TYPE EXTENDS THE ENTIRE LENGTH OF THE WALL WHERE IT IS SHOWN AND EXTENDS ACROSS DOORS, WINDOWS, GLAZING SYSTEMS, AND MINOR PROJECTIONS OR RECESSES, U.N.O. WALL TYPES END AT THE INTERSECTION WITH ANOTHER ROOM OR SPACE, DEFINED BY AN INSIDE OR OUTSIDE CORNER AND INCLUDING INTERVENING CORRIDORS, U.N.O. WHERE A WALL IS INTERRUPTED BY A WALL OPENING OR GLAZED WALL, THE WALL CONSTRUCTION ABOVE THE INTERRUPTION SHALL BE THE SAME AS DESIGNATED FOR THE WALL IN WHICH THE OPENING OR GLAZED WALL OCCURS, U.N.O.
6. ALL WALL TILE SHALL BE APPLIED OVER MOISTURE-RESISTANT GYPSUM BOARD OR CEMENT BOARD, U.N.O. USE MOISTURE-RESISTANT GYPSUM BOARD BEHIND WALL TILE AT RESTROOMS, BREAK ROOMS, AND OTHER SIMILAR WET LOCATIONS. USE CEMENT BOARD AT SHOWERS, CUSTODIAL SERVICE SINKS, AND OTHER AREAS WHERE WATER WILL BE IN CONTACT WITH THE TILE.
7. TAPE OUTER JOINTS OF GYPSUM BOARD ONLY. NO JOINTS EXCEPT AT STUDS.
8. GYPSUM BOARD SCREW EDGE AND FIELD SPACING PER GYPSUM BOARD MANUFACTURER'S RECOMMENDATIONS. ALL SCREWS SHALL PENETRATE STUDS.
9. BACKING/BLOCKING IN WALLS SHALL BE 6" WIDE, 18 GA. (43 MIL/33KSI) GALVANIZED FLAT STRAP OR FIRE-RETARDANT TREATED WOOD.

WALL TYPE TAG LEGEND



WALL CORE MATERIAL DEPTH LEGEND

METAL FRAMING
1 = 7/8" METAL FURRING/HAT CHANNEL
2 = 2-1/2" DEEP METAL STUDS
3 = 3-5/8" DEEP METAL STUDS
4 = 4" DEEP METAL STUDS
6 = 6" DEEP METAL STUDS
8 = 8" DEEP METAL STUDS

CONCRETE MASONRY UNITS
4 = 3-5/8" DEEP CMU
6 = 5-5/8" DEEP CMU
8 = 7 5/8" DEEP CMU
12 = 11-5/8" DEEP CMU

WOOD FRAMING
4 = 2" X 4" WOOD STUDS
6 = 2" X 6" WOOD STUDS
8 = 2" X 8" WOOD STUDS
10 = 2" X 10" WOOD STUDS

CONCRETE
5 = 5" THICK
6 = 6" THICK
7 = 7" THICK
8 = 8" THICK
10 = 10" THICK
12 = 12" THICK

METAL FRAMING MATERIAL THICKNESS LEGEND

TH-1 = MINIMUM 30 MIL (33KSI STEEL) OR 22 MIL (57 KSI STEEL) [EQUIVALENT TO 20 GAUGE]

TH-2 = MINIMUM 43 MIL (33KSI STEEL) OR 38 MIL (57 KSI STEEL) [EQUIVALENT TO 18 GAUGE]

TH-3 = MINIMUM 33 MIL (33KSI STEEL) [EQUIVALENT TO 20 GAUGE]

TH-4 = MINIMUM 18 MIL (33KSI STEEL) OR 15 MIL (50 KSI STEEL) [EQUIVALENT TO 25 GAUGE] 2

NO. 2 | DESCRIPTION OF REVISION - CLARIFICATIONS TO NOTES | MADE BY - BMS | DATE - 11/13/26

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18924
Z. JAN E.
LORANT
Date Signed 11/13/26
ARIZONA U.S.A.
EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
WALL TYPE DETAILS

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	91	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. A180
___ OF ___

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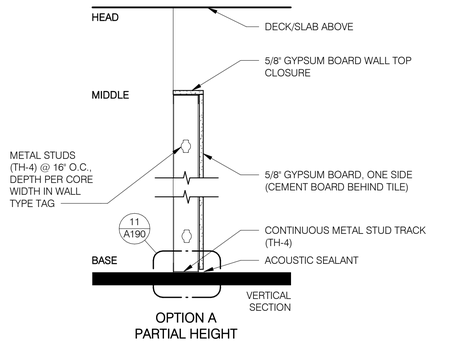
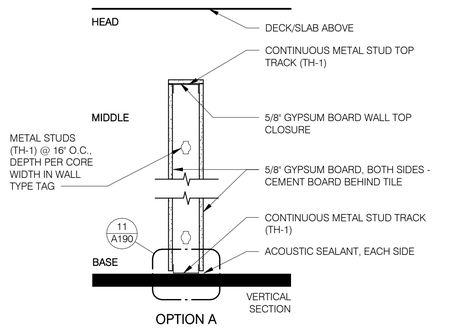
NO.	DESCRIPTION OF REVISION - ADDED WALL TYPES AND CLARIFICATIONS TO NOTES & LEGEND	MADE BY -	DATE -
2		BMS	11/13/26



M WALL TYPE - INTERIOR METAL FRAMING
1" = 1'-0"



L WALL TYPE - INTERIOR METAL FRAMING
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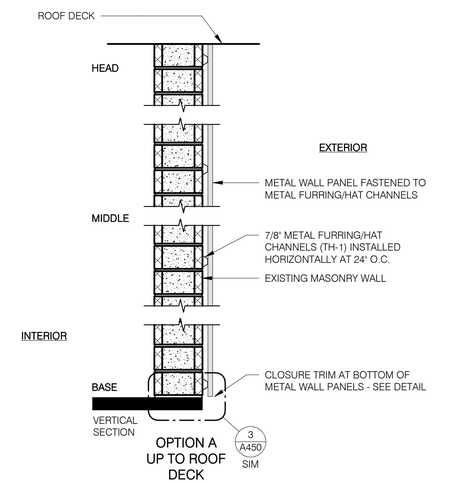
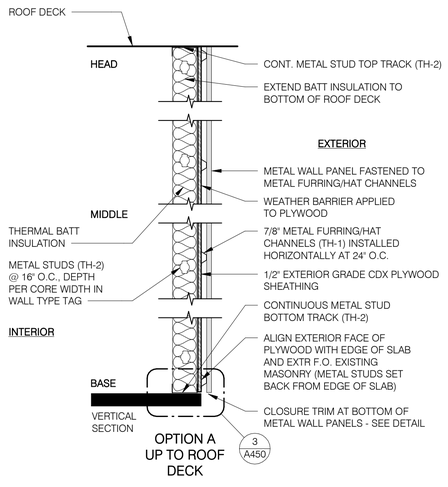
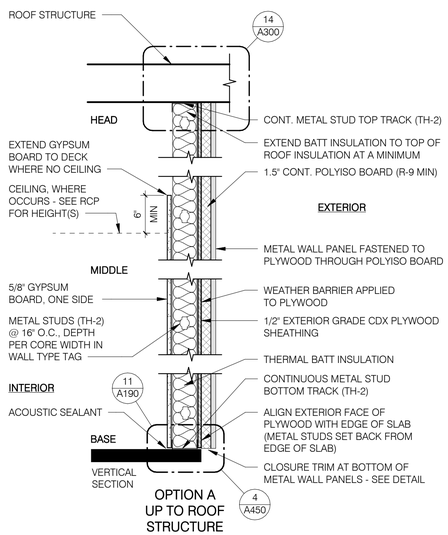


K WALL TYPE - EXTERIOR METAL FRAMING
1" = 1'-0"



J WALL TYPE - EXTERIOR METAL FRAMING
1" = 1'-0"



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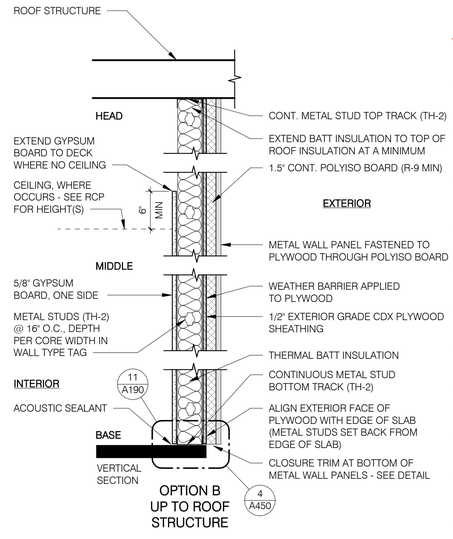
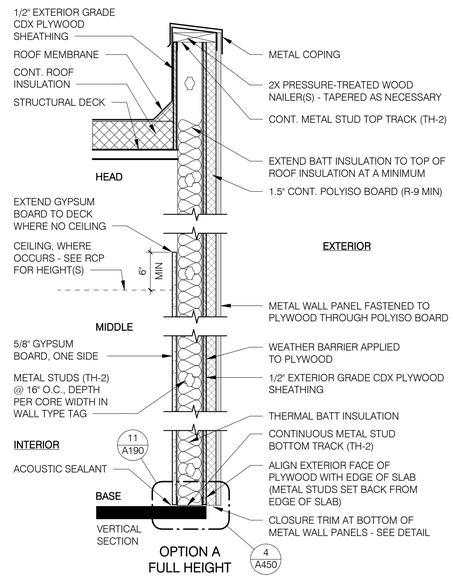
1" = 1'-0"





G WALL TYPE - EXTERIOR METAL FRAMING
1" = 1'-0"

2

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   B. ALL INTERIOR GYPSUM BOARD SHALL BE 5/8" THICK, U.N.O.
   C. MAXIMUM METAL STUD SPACING SHALL BE 16" O.C., U.N.O.
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   B. 3-5/8" METAL STUDS: 14'-0"
   C. 4" METAL STUDS: 14'-0"
   D. 6" METAL STUDS: 20'-0"
5. THE WALL TYPE EXTENDS THE ENTIRE LENGTH OF THE WALL WHERE IT IS SHOWN AND EXTENDS ACROSS DOORS, WINDOWS, GLAZING SYSTEMS, AND MINOR PROJECTIONS OR RECESSES, U.N.O. WALL TYPES END AT THE INTERSECTION WITH ANOTHER ROOM OR SPACE, DEFINED BY AN INSIDE OR OUTSIDE CORNER AND INCLUDING INTERVENING CORRIDORS, U.N.O. WHERE A WALL IS INTERRUPTED BY A WALL OPENING OR GLAZED WALL, THE WALL CONSTRUCTION ABOVE THE INTERRUPTION SHALL BE THE SAME AS DESIGNATED FOR THE WALL IN WHICH THE OPENING OR GLAZED WALL OCCURS, U.N.O.
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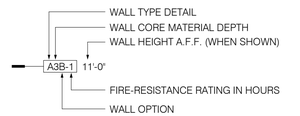
WALL TYPE TAG LEGEND



WALL CORE MATERIAL DEPTH LEGEND

METAL FRAMING	WOOD FRAMING
1 = 7/8" METAL FURRING/HAT CHANNEL	4 = 2" X 4" WOOD STUDS
2 = 2-1/2" DEEP METAL STUDS	6 = 2" X 6" WOOD STUDS
3 = 3-5/8" DEEP METAL STUDS	8 = 2" X 8" WOOD STUDS
4 = 4" DEEP METAL STUDS	10 = 2" X 10" WOOD STUDS
6 = 6" DEEP METAL STUDS	
8 = 8" DEEP METAL STUDS	**CONCRETE**
	5 = 5" THICK
CONCRETE MASONRY UNITS	6 = 6" THICK
4 = 3-5/8" DEEP CMU	7 = 7" THICK
6 = 5-5/8" DEEP CMU	8 = 8" THICK
8 = 7 5/8" DEEP CMU	10 = 10" THICK
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METAL FRAMING MATERIAL THICKNESS LEGEND

TH-1 = MINIMUM 30 MIL (33KSI STEEL) OR 22 MIL (57 KSI STEEL) [EQUIVALENT TO 20 GAUGE]

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TH-3 = MINIMUM 33 MIL (33KSI STEEL) [EQUIVALENT TO 20 GAUGE]

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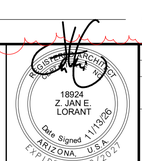

Issue Date:	10 JULY 2026		
Revisions:	#	Description	Date
	2	ADDENDUM #2	11/13/26

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gla Project No.: 24102

gla

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
WALL TYPE DETAILS

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	92	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A181**

___ OF ___

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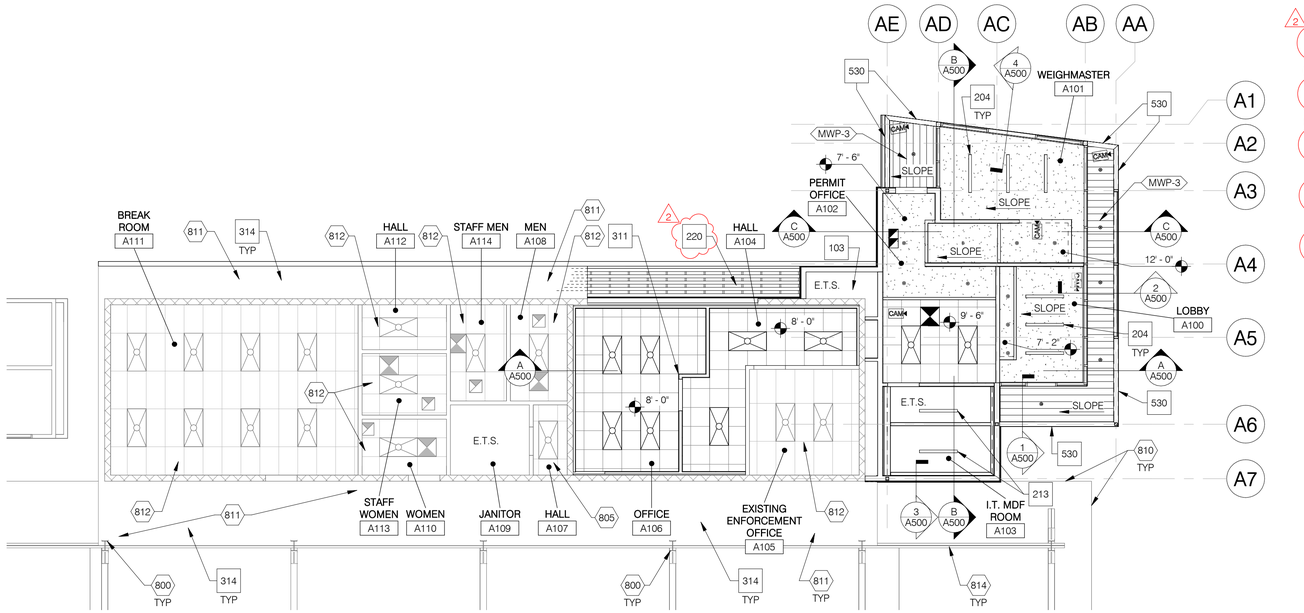

1 REFLECTED CEILING PLAN - ADMIN BUILDING
1/8" = 1'-0"

GENERAL NOTES

1. SEE FLOOR PLAN FOR WALL TYPES AND SHEET A190 FOR WALL FRAMING DETAILS.
2. ALL GYP. BOARD CEILINGS AND SOFFITS SHALL HAVE A LEVEL 4 PAINTED FINISH.
3. SEE FINISH & MATERIAL LEGEND FOR COLORS AND FINISHES OF EXPOSED CEILING MATERIALS AND EXPOSED ITEMS WITHIN CEILINGS.
4. ALL CEILING ELEVATIONS INDICATED ARE ABOVE FINISH FLOOR ELEVATION, U.N.O.
5. COORDINATE LAYOUT OF CEILINGS WITH MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.
6. ITEMS LOCATED IN CEILING TILES SHALL TYPICALLY BE CENTERED AT THE MIDPOINT OF EACH TILE, U.N.O. WHERE TWO ITEMS OCCUR, LOCATE ITEMS AT THIRD POINTS. WHERE THREE ITEMS OCCUR, LOCATED ITEMS AT QUARTER POINTS.
7. ACCESS PANELS IN FIRE-RATED CEILINGS SHALL HAVE A MATCHING FIRE RATING TO THE CEILING. SEE FINISH & MATERIAL LEGEND FOR ACCESS PANEL FINISH(ES).
8. ALL AREAS WITH BATT INSULATION, EXCEPT AT INACCESSIBLE AREAS WITH HARD LID CEILINGS, SHALL BE COVERED WITH AN INSULATION COVER (COLOR AS SELECTED BY ARCHITECT). SEE THERMAL INSULATION SPECIFICATION.
9. VERIFY ALL EXISTING DIMENSIONS IN FIELD.

RCP LEGEND

- 2x4 / 2x2 — EXISTING SUSPENDED ACOUSTICAL CEILING TILE (ACT) SYSTEM TO REMAIN
- 2x4 / 2x2 — SUSPENDED ACOUSTICAL CEILING TILE SYSTEM (ACT-1)
- EXISTING GYPSUM BOARD CEILING OR SOFFIT SYSTEM TO REMAIN
- GYPSUM BOARD CEILING OR SOFFIT SYSTEM - 2-1/2" METAL STUD FRAMING AND 1/2" GB TYP, U.N.O.
- E.T.S. — EXPOSED TO STRUCTURE
- EXISTING ELECTRICAL LIGHT FIXTURE TO REMAIN
- ELECTRICAL LIGHT FIXTURE
- EXISTING MECHANICAL SUPPLY AIR DIFFUSER TO REMAIN
- MECHANICAL SUPPLY AIR DIFFUSER
- EXISTING MECHANICAL RETURN AIR DIFFUSER TO REMAIN
- MECHANICAL RETURN AIR DIFFUSER
- EXISTING MECHANICAL EXHAUST AIR GRILLE TO REMAIN
- MECHANICAL EXHAUST AIR GRILLE
- 8' - 0" / 9' - 6" — HEIGHT OF CEILING OR SOFFIT ABOVE FINISH FLOOR
- CAM — CCTV CAMERA - SEE CIVIL & ELECTRICAL DRAWINGS

KEYNOTES - NEW WORK

103	MECHANICAL CHASE
204	SUSPENDED LINEAR LIGHT FIXTURE - FACTORY FINISH IN COLOR AS SELECTED BY ARCHITECT
213	LINEAR LIGHT FIXTURE MOUNTED TO UNDERSIDE OF ROOF STRUCTURE - FACTORY FINISH IN COLOR AS SELECTED BY ARCHITECT
220	PROVIDE WOOD SLAT SOFFIT ASSEMBLY MATCHING EXISTING (WOOD SLATS WITH SCREEN BEHIND)
311	LAYOUT CEILING SYSTEM FROM THIS CORNER
314	PROVIDE PAINTED FINISH ON UNDERSIDE AND PERIMETER FLASHING/TRIM OF EXISTING AND REPLACEMENT ROOF OVERHANGS, INCLUDING PAINTING ALL OVERHANG-MOUNTED ITEMS, EXCEPT FOR SECURITY CCTV CAMERAS, SPEAKERS, AND OTHER ITEMS WITH FACTORY FINISHES. FOR EXPOSED STEEL ITEMS PROVIDE HIGH PERFORMANCE COATING. COLORS FOR PAINT AND HIGH PERFORMANCE COATING AS SELECTED BY ARCHITECT.
530	STEEL TUBE BEAM FASCIA WITH HIGH PERFORMANCE COATING - COLOR AS SELECTED BY ARCHITECT

KEYNOTES - EXISTING

800	EXISTING STEEL COLUMN TO REMAIN
805	EXISTING CEILING AND CEILING-MOUNTED ITEMS (INCLUDING LIGHT FIXTURES) TO REMAIN - PATCH AND REPAIR AS NECESSARY DUE TO WORK ABOVE CEILING
810	EXISTING STEEL SHADE CANOPY TO REMAIN IN ITS ENTIRETY
811	EXISTING ROOF OVERHANG TO REMAIN - COORDINATE MODIFICATIONS TO EXISTING SOFFIT AND FASCIA ASSEMBLIES REQUIRED BY NEW WORK
812	EXISTING CEILING AND CEILING-MOUNTED ITEMS (INCLUDING LIGHT FIXTURES) TO REMAIN
814	EXISTING STEEL SHADE CANOPY TRUSS TO REMAIN

NO. 2 | DESCRIPTION OF REVISION - CLARIFICATIONS TO KEYNOTES AND NOTES | MADE BY - BMS | DATE - 11/13/26

11/19/2026 4:54:38 PM

REGISTERED ARCHITECT — 18924 — Z. JAN E. LORANT — Date Signed 11/19/26 — ARIZONA, U.S.A. — EXPIRES 6/30/2027

Issue Date:	10 JULY 2026		
Revisions:	#	Description	Date
	2	ADDENDUM #2	11/13/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
REFLECTED CEILING PLAN & DETAILS - ADMIN BUILDING

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	94	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

DWG NO. A200

TRACS NO. F0728 01C

____ OF ____

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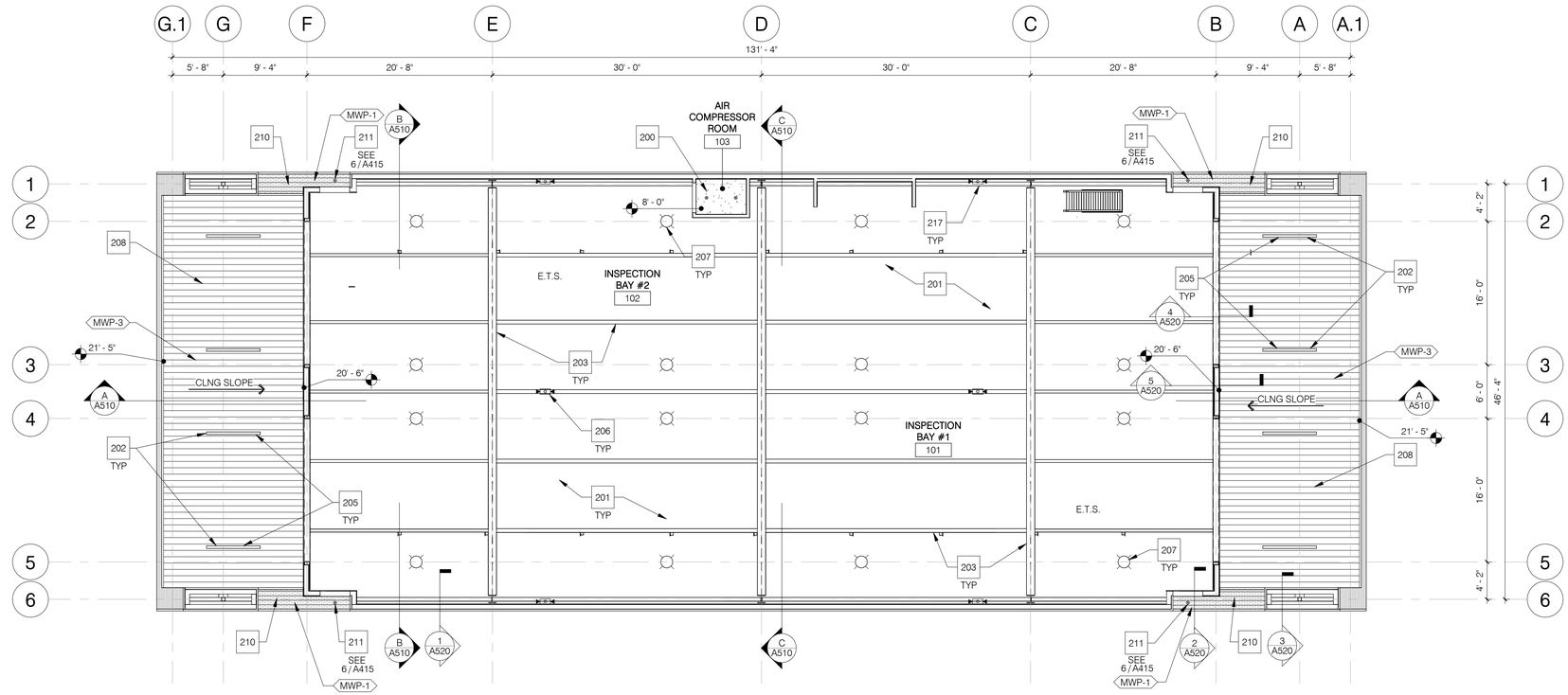
NO.	DESCRIPTION OF REVISION - CLARIFICATIONS TO NOTES	MADE BY -	DATE -



1 REFLECTED CEILING PLAN - INSPECTION BUILDING
1/8" = 1'-0"

PLAN NORTH

NORTH

GENERAL NOTES

2

1. SEE FLOOR PLAN FOR WALL TYPES AND SHEET A190 FOR WALL FRAMING DETAILS.
2. ALL GYP. BOARD CEILINGS AND SOFFITS SHALL HAVE A LEVEL 4 PAINTED FINISH.
3. SEE FINISH & MATERIAL LEGEND FOR COLORS AND FINISHES OF EXPOSED CEILING MATERIALS AND EXPOSED ITEMS WITHIN CEILINGS.
4. ALL CEILING ELEVATIONS INDICATED ARE ABOVE FINISH FLOOR ELEVATION, U.N.O.
5. COORDINATE LAYOUT OF CEILINGS WITH MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.
6. ITEMS LOCATED IN CEILING TILES SHALL TYPICALLY BE CENTERED AT THE MIDPOINT OF EACH TILE, U.N.O. WHERE TWO ITEMS OCCUR, LOCATE ITEMS AT THIRD POINTS. WHERE THREE ITEMS OCCUR, LOCATED ITEMS AT QUARTER POINTS.
7. ACCESS PANELS IN FIRE-RATED CEILINGS SHALL HAVE A MATCHING FIRE RATING TO THE CEILING. SEE FINISH & MATERIAL LEGEND FOR ACCESS PANEL FINISH(ES).
8. ALL AREAS WITH BATT INSULATION, EXCEPT AT INACCESSIBLE AREAS WITH HARD LID CEILINGS, SHALL BE COVERED WITH AN INSULATION COVER (COLOR AS SELECTED BY ARCHITECT). SEE THERMAL INSULATION SPECIFICATION.
9. VERIFY ALL EXISTING DIMENSIONS IN FIELD.

RCP LEGEND

2x4 / 2x2	SUSPENDED ACOUSTICAL CEILING TILE (ACT) SYSTEM
	GYPSUM BOARD CEILING OR SOFFIT SYSTEM - 2-1/2" METAL STUD FRAMING AT 16" O.C. WITH 1/2" GYPSUM BOARD
E.T.S.	EXPOSED TO STRUCTURE
	ELECTRICAL LIGHT FIXTURE
	MECHANICAL SUPPLY AIR DIFFUSER
	MECHANICAL RETURN AIR DIFFUSER
	MECHANICAL EXHAUST AIR GRILLE
8' - 0" 9' - 6"	HEIGHT OF CEILING OR SOFFIT ABOVE FINISH FLOOR

KEYNOTES - NEW WORK

~

200	PROVIDE FINISHED GYPSUM BOARD CEILING CAP WITH PAINTED FINISH ON BOTH SIDES OF THE TOP OF THIS ROOM
201	SLOPED STEEL DECKING - WITH PAINTED FINISH IN COLOR AS SELECTED BY ARCHITECT WHERE EXPOSED TO VIEW
202	RECESSED LINEAR LIGHT FIXTURE - FACTORY FINISH IN COLOR AS SELECTED BY ARCHITECT
203	STRUCTURAL STEEL - WITH PAINTED FINISH IN COLOR AS SELECTED BY ARCHITECT WHERE EXPOSED TO VIEW
205	CENTER LIGHT FIXTURE IN METAL CEILING PANEL
206	DUAL HEAD EMERGENCY LIGHT
207	HIGH BAY LIGHT FIXTURE
208	CEILING SYSTEM: 3-5/8" METAL STUD FRAMING WITH 1/2" EXTERIOR GRADE PLYWOOD SHEATHING AND METAL CEILING PANELS. PROVIDE COMPRESSION STRUTS AT 48" O.C. FOR WIND UPLIFT.
210	SOFFIT SYSTEM: 3-5/8" METAL STUD FRAMING WITH 1/2" EXTERIOR GRADE PLYWOOD SHEATHING AND METAL CEILING PANELS
211	RECESSED DOWNLIGHT - PROVIDE METAL TRIM FRAME WITHIN METAL SOFFIT PANEL
217	WALL-MOUNTED DUAL HEAD EMERGENCY LIGHT

18924
Z. JAN E.
LORANT
Date Signed 11/13/26
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
REFLECTED CEILING PLAN & DETAILS - INSPECTION BUILDING

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	95	200	

LOCATION SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A210**

___ OF ___

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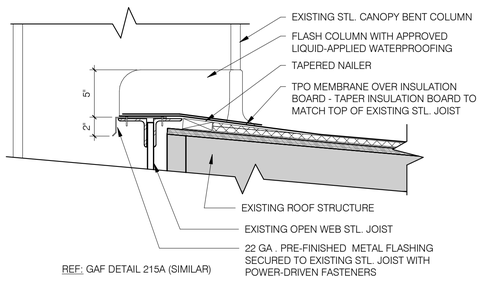
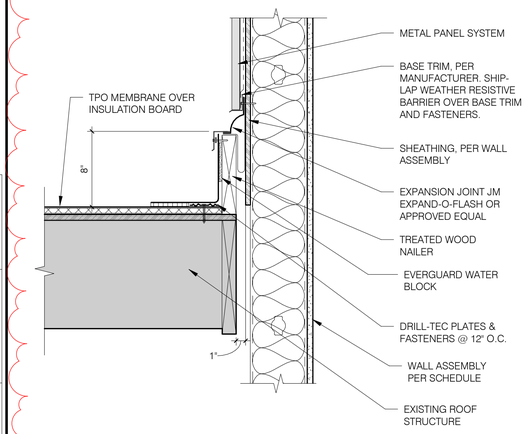
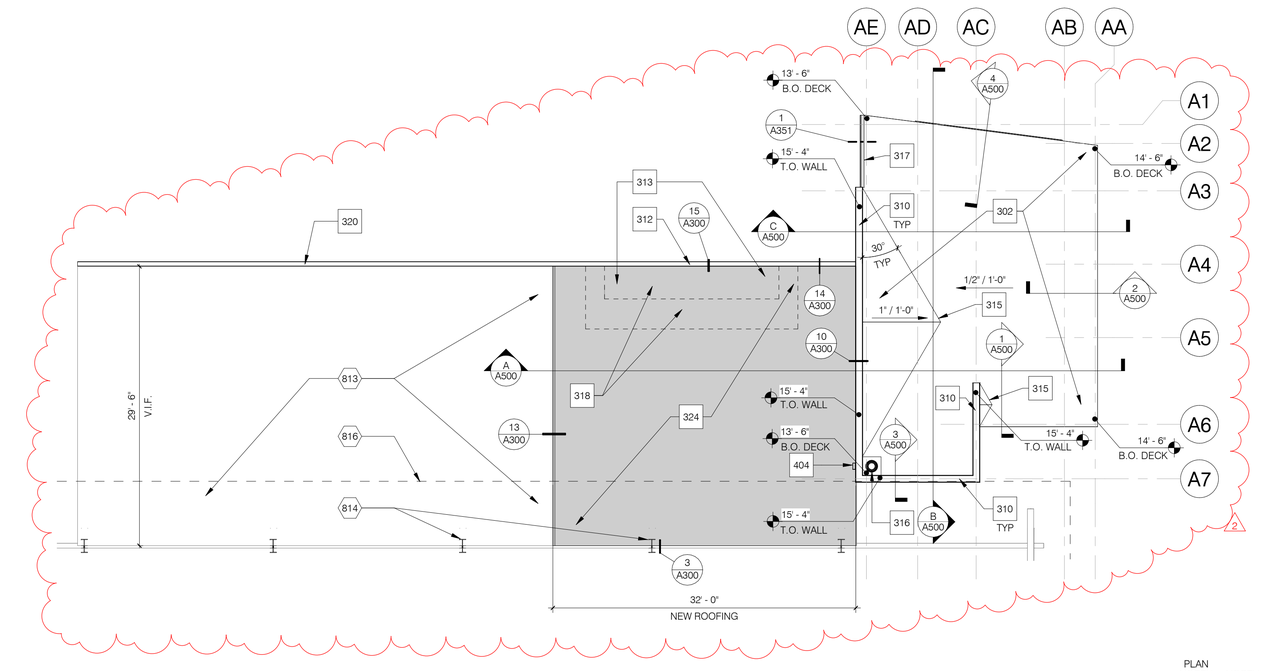


REF: GAF DETAIL 215A (SIMILAR)

3 HIGH FLASHING AT EXISTING CANOPY
1 1/2" = 1'-0"



10 WALL TO TPO ROOF FLASHING
1 1/2" = 1'-0"



1 ROOF PLAN - ADMIN BUILDING
1/8" = 1'-0"

GENERAL NOTES

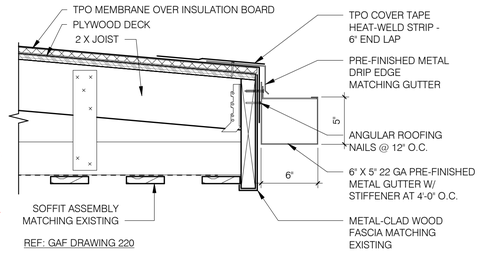
1. ROOF SLOPES SHALL BE A MINIMUM OF 1/4" PER FOOT, U.N.O.
2. PROVIDE ADDITIONAL CRICKETS AT EQUIPMENT AND OTHER CONDITIONS AS NECESSARY TO PROVIDE POSITIVE SLOPE TO DRAIN AT 1/2" PER FOOT MINIMUM THROUGHOUT THE ROOF, U.N.O.
3. COORDINATE ROOF PLAN WITH STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.
4. VERIFY ALL EXISTING DIMENSIONS IN FIELD.

KEYNOTES - EXISTING

813	EXISTING ROOF TO REMAIN
814	EXISTING STEEL SHADE CANOPY TRUSS TO REMAIN
816	EDGE OF EXISTING CANOPY ABOVE

KEYNOTES - NEW WORK

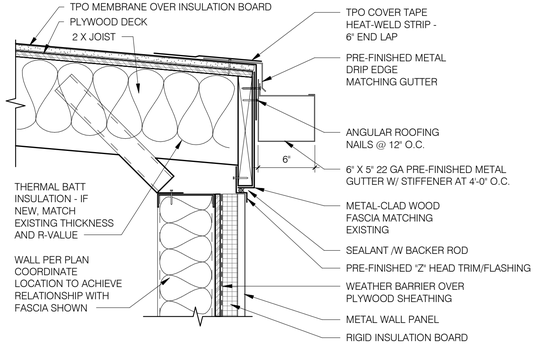
302	ROOFING SYSTEM: TPO MEMBRANE OVER 1/2" HD POLYISO COVER BOARD AND 4" POLYISO INSULATION BOARD ON STRUCTURAL STEEL DECKING (R-25 MINIMUM FOR TOTAL 4.5" POLYISO THICKNESS). PROVIDE KRAFT-FACED R-19 THERMAL BATT INSULATION UNDERNEATH ROOF DECK OVER INTERIOR SPACES.
310	PRE-FINISHED METAL COPING WALL CAP
312	PROVIDE METAL FLASHING/FASCIA TO MATCH EXISTING WHERE EXISTING WEIGHMASTER BOOTH ROOF WAS REMOVED
313	SEE FRAMING PLAN/DETAILS FOR STRUCTURAL MODIFICATIONS REQUIRED AT ADMIN ROOF STRUCTURE FOLLOWING WEIGHMASTER BOOTH REMOVAL
315	ROOF CRICKET: TPO MEMBRANE OVER 1/2" HD POLYISO COVER BOARD AND TAPERED POLYISO INSULATION BOARD (R-8.2 MINIMUM). RIDGE OF CRICKET SHALL SLOPE 1" PER FOOT MINIMUM. VALLEYS OF CRICKET SHALL BE AT A 30 DEGREE ANGLE.
316	ROOF DRAIN & OVERFLOW DRAIN PIPING
317	SCUPPER DRAIN THROUGH PARAPET
318	PROVIDE EXT. GRADE PLYWOOD DECKING IN AREAS OF EXISTING ROOF IMPACTED BY DEMOLITION/REMOVAL OF EXISTING STRUCTURES - SEE DEMO PLAN
320	PROVIDE REPLACEMENT GUTTER EXTENDING FULL LENGTH OF ROOF EDGE. PROVIDE FOUR (4) DOWNSPOUTS LOCATED AS SHOWN
324	ROOFING SYSTEM: TPO MEMBRANE OVER 1/2" HD POLYISO COVER BOARD ON WOOD DECKING. PROVIDE KRAFT FACED R-38 THERMAL BATT INSULATION UNDERNEATH ROOF DECK OVER INTERIOR SPACES.
404	SCUPPER THROUGH FRAMED WALL



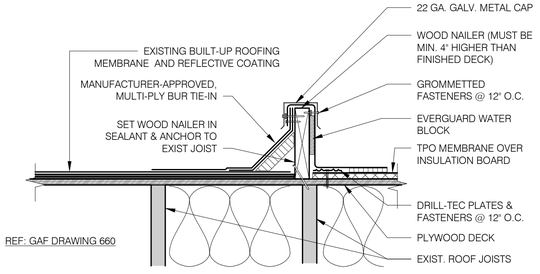
REF: GAF DRAWING 220

NOTE: PROVIDE METAL GUTTERS AND DOWNSPOUTS IN ACCORDANCE WITH SMACNA ARCHITECTURAL SHEET METAL MANUAL AND SPECIFICATIONS. COORDINATE GUTTER SUPPORTS, THERMAL EXPANSION, AND ROOF-EDGE FLASHING WITH ADJACENT ROOF CONSTRUCTION. DIRECT DOWNSPOUT DISCHARGE AWAY FROM BUILDING FOUNDATIONS AND PEDESTRIAN CIRCULATION AREAS.

15 FASCIA
1 1/2" = 1'-0"



14 FASCIA AT METAL STUD-FRAMED WALL
1 1/2" = 1'-0"



REF: GAF DRAWING 660

- REMOVE THE EXISTING REFLECTIVE COATING WITHIN THE TIE-IN AREA TO EXPOSE SOUND ASPHALT BUR.
- VERIFY THE CONDITION AND COMPOSITION OF THE EXISTING ROOFING VIA TEST CUT.
- PREPARE THE EXISTING BUR TO RECEIVE NEW REINFORCING PLIES, USING STAGGERED LAPS AND APPROPRIATE ASPHALT APPLICATION.
- INCORPORATE THE NEW BUR MEMBRANE INTO THE PREPARED EXISTING ASSEMBLY. USING THE ROOFING MANUFACTURER'S APPROVED PERMANENT TIE-IN METHOD.
- RESTORE COMPATIBLE REFLECTIVE COATING ACROSS THE COMPLETED TRANSITION.

13 ROOF TPO TO BUILT-UP ROOFING TIE-IN
1 1/2" = 1'-0"

NO.	DESCRIPTION OF REVISION - ADDED DETAILS, CLARIFICATIONS TO NOTES & SCOPE OF WORK	MADE BY	DATE
2		BMS	11/13/26

11/19/2026 4:54:39 PM

CERTIFICATE OF REGISTERED ARCHITECT
18924
Z. JAN E. LORANT
Date Signed 11/13/26
ARIZONA U.S.A.
EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
Revisions:	Description	Date
	2 ADDENDUM #2	11/13/26

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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
ROOF PLAN - ADMIN BUILDING

ROUTE	MILEPOST	STRUCTURE NO.
I-10	383	

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	96	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A300**

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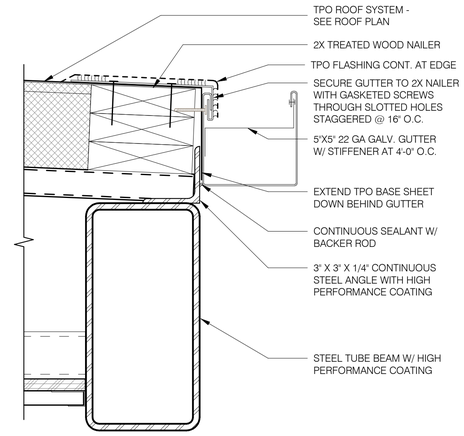
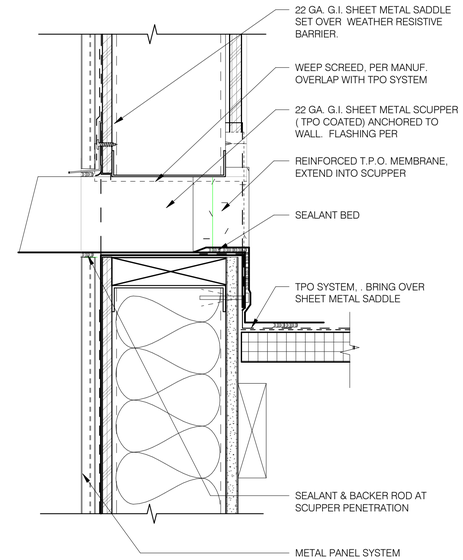
2	ENTIRE SHEET ADDED AS NEW	BMS	11/13/26



1 ROOF GUTTER
3" = 1'-0"



6 ROOF DRAIN AND SCUPPER DETAIL AT METAL FRAMED WALL
3" = 1'-0"

ENTIRE SHEET IS NEW
2



Issue Date:	13 NOVEMBER 2026		
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SAN SIMON PORT OF ENTRY
ROOF DETAILS

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	98A	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

DWG NO. **A351**

TRACS NO. F0728 01C

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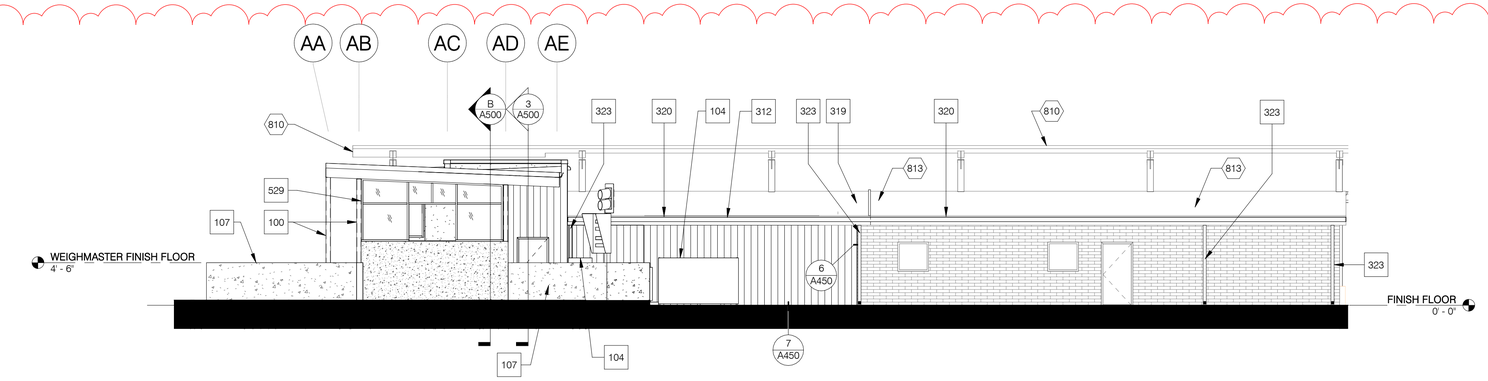
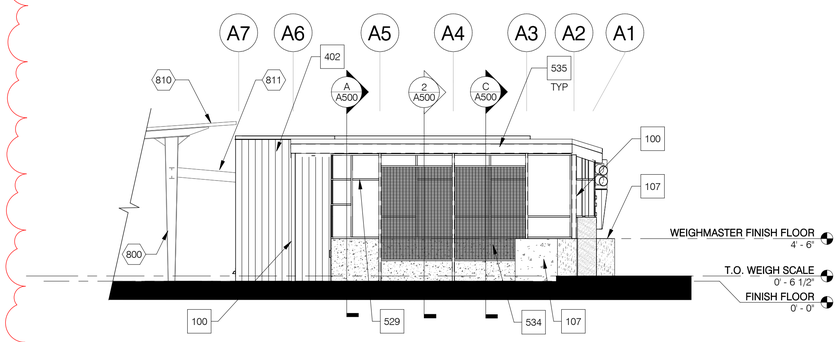
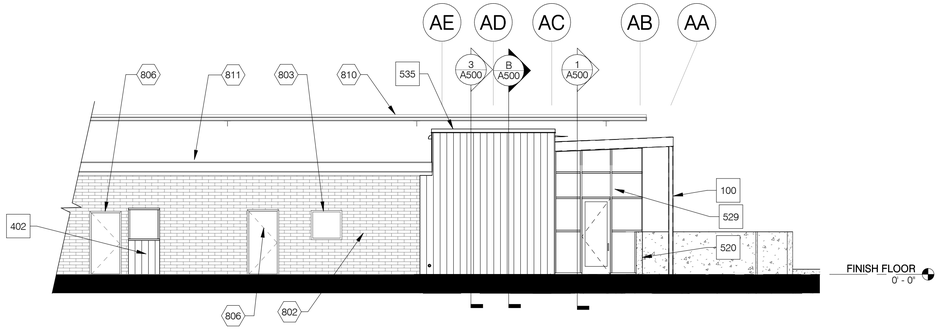


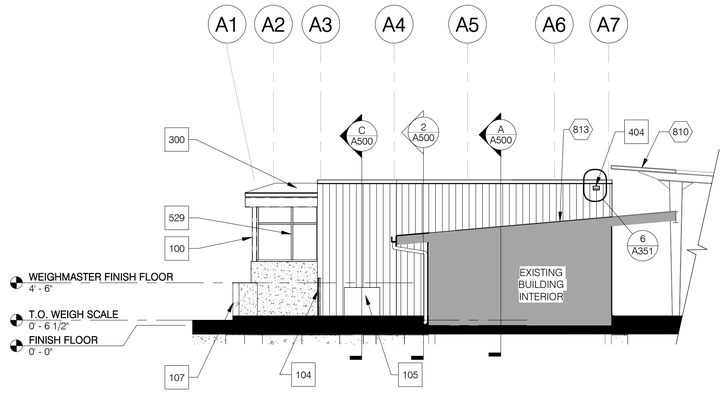
1 NORTH EXTERIOR ELEVATION - ADMIN BUILDING
1/8" = 1'-0"



2 EAST EXTERIOR ELEVATION - ADMIN BUILDING
1/8" = 1'-0"



3 SOUTH EXTERIOR ELEVATION - ADMIN BUILDING
1/8" = 1'-0"



4 WEST EXTERIOR ELEVATION - ADMIN BUILDING
1/8" = 1'-0"

GENERAL NOTES

1. SEE FLOOR PLAN FOR WALL TYPES.
2. SEE FINISH & MATERIAL LEGEND.
3. VERIFY ALL EXISTING DIMENSIONS IN FIELD.

KEYNOTES - EXISTING

800	EXISTING STEEL COLUMN TO REMAIN
802	EXISTING MASONRY WALL TO REMAIN
803	EXISTING WINDOW FRAME TO REMAIN
806	EXISTING DOOR AND FRAME TO REMAIN
810	EXISTING STEEL SHADE CANOPY TO REMAIN IN ITS ENTIRETY
811	EXISTING ROOF OVERHANG TO REMAIN - COORDINATE MODIFICATIONS TO EXISTING SOFFIT AND FASCIA ASSEMBLIES REQUIRED BY NEW WORK
813	EXISTING ROOF TO REMAIN

KEYNOTES - NEW WORK

100	STEEL COLUMN - WHERE EXPOSED TO VIEW, PROVIDE PAINTED FINISH OR HIGH PERFORMANCE COATING (AT EXTERIOR) IN COLOR AS SELECTED BY ARCHITECT
104	METAL EQUIPMENT SCREEN ENCLOSURE WITH MATCHING SWING GATES
105	MECHANICAL UNIT/EQUIPMENT
107	CAST-IN-PLACE ARCHITECTURAL CONCRETE BARRIER WALL
300	ROOFING SYSTEM: TPO MEMBRANE OVER 1/2" HD POLYISO COVER BOARD AND 1" POLYISO INSULATION BOARD ON STRUCTURAL STEEL DECKING (R-8.2 MINIMUM)
312	PROVIDE METAL FLASHING/FASCIA TO MATCH EXISTING WHERE EXISTING WEIGHMASTER BOOTH ROOF WAS REMOVED
319	REPLACEMENT TPO ROOF SYSTEM PER SPECIFICATIONS
320	PROVIDE REPLACEMENT GUTTER EXTENDING FULL LENGTH OF ROOF EDGE. PROVIDE FOUR (4) DOWNSPOUTS LOCATED AS SHOWN
323	DOWNSPOUT
402	PREFINISHED METAL WALL PANEL
404	SCUPPER THROUGH FRAMED WALL
520	CAST-IN-PLACE CONCRETE STEM WALL
529	ALUMINUM STOREFRONT SYSTEM
534	DECORATIVE METAL SHADING SCREEN
535	PREFINISHED METAL COPING

NO.	DESCRIPTION OF REVISION - RE-ARRANGED ELEVATIONS, CLARIFICATIONS TO SCOPE OF WORK	MADE BY	DATE
2		BMS	11/13/26

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ARIZONA BOARD OF TECHNICAL REGISTRATION
18924
Z. JAN E. LORANT
Date Signed 11/13/26
ARIZONA, U.S.A.
EXPIRES 6/30/2027

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PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
EXTERIOR BUILDING ELEVATIONS - ADMIN BUILDING

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

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LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A400**

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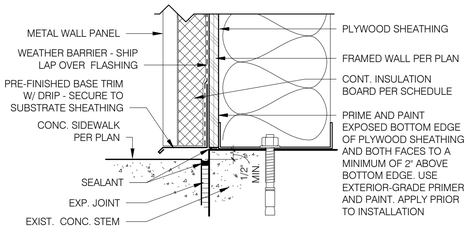
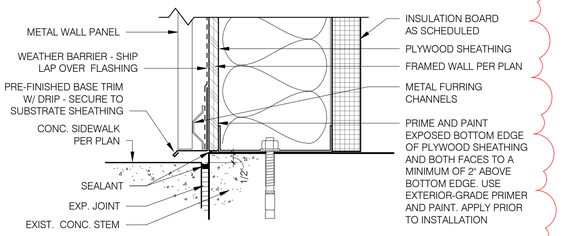
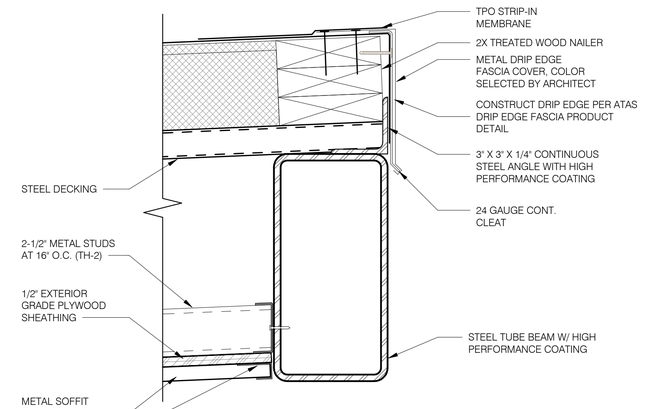


4 METAL WALL PANEL BASE FLASHING @ FRAME WALL W/ INSULATION BOARD
3" = 1'-0"

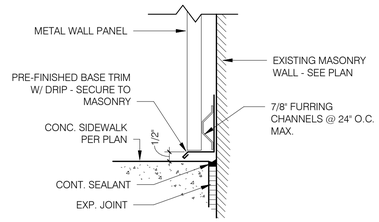


3 METAL WALL PANEL BASE FLASHING @ FRAME WALL
3" = 1'-0"

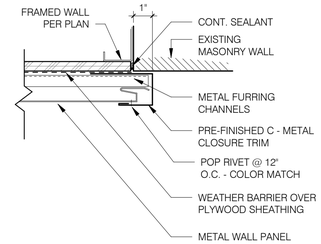


2 ROOF EDGE/SOFFIT DETAIL - ADMIN BLDG
3" = 1'-0"

2



7 METAL WALL PANEL BASE FLASHING @ MASONRY WALL
3" = 1'-0"



6 METAL WALL PANEL END FLASHING
3" = 1'-0"

NO.	DESCRIPTION OF REVISION - DETAILS ADDED	MADE BY - BMS	DATE - 11/13/26
2			

11/19/2026 4:54:41 PM



Issue Date:	10 JULY 2026	
Revisions:	2 ADDENDUM #2	11/13/26

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gla Project No.: 24102

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
BUILDING ENVELOPE DETAILS

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	103	200	

LOCATION SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A450**

___ OF ___

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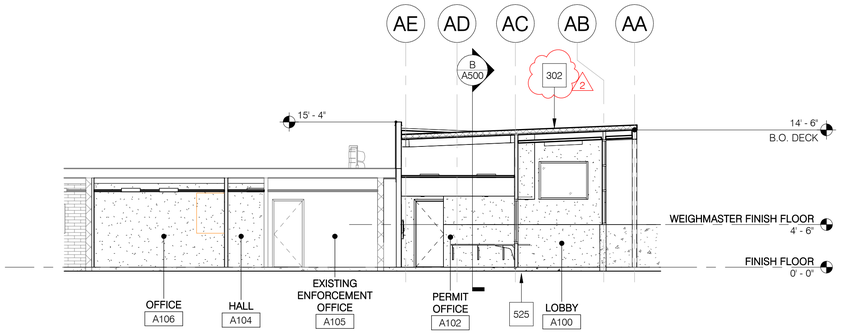
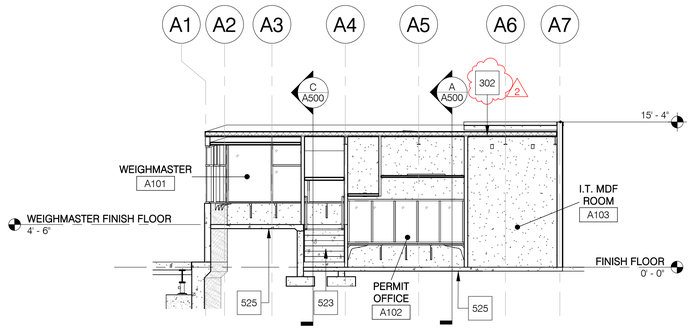
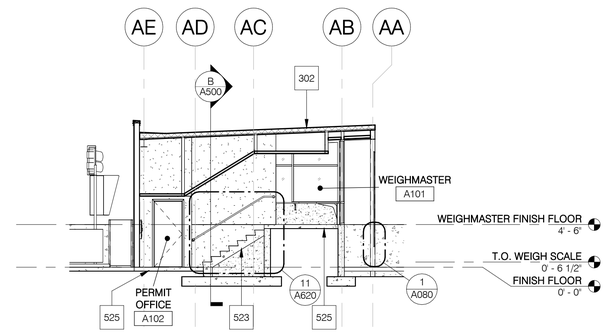


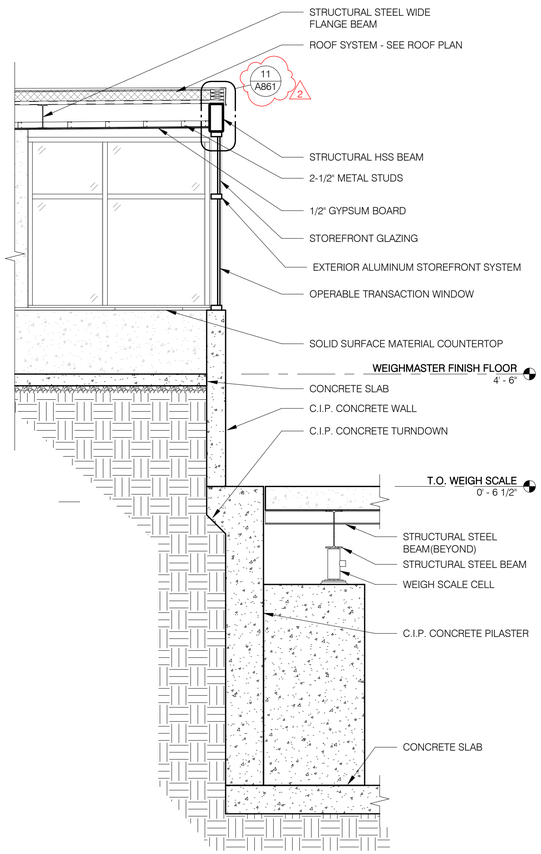
A BUILDING SECTION - ADMIN BUILDING
1/8" = 1'-0"



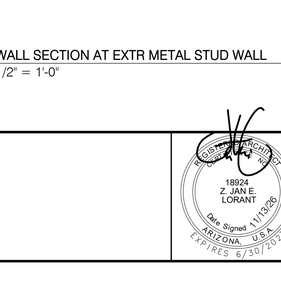
B BUILDING SECTION - ADMIN BUILDING
1/8" = 1'-0"



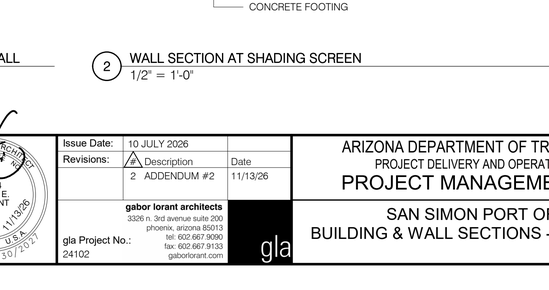
C BUILDING SECTION - ADMIN BUILDING
1/8" = 1'-0"



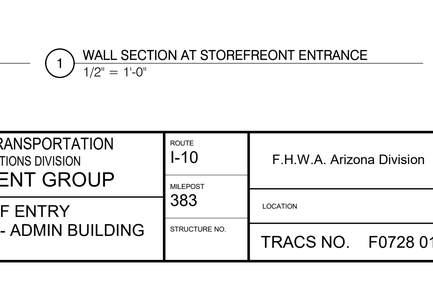
4 WALL SECTION AT WEIGHMASTER & WEIGH SCALE
3/8" = 1'-0"



3 WALL SECTION AT EXTR METAL STUD WALL
1/2" = 1'-0"



2 WALL SECTION AT SHADING SCREEN
1/2" = 1'-0"



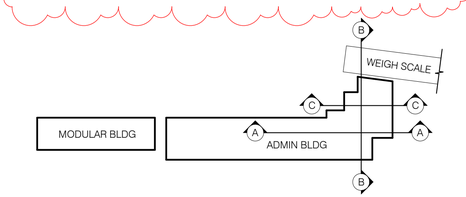
1 WALL SECTION AT STOREFREONT ENTRANCE
1/2" = 1'-0"

GENERAL NOTES

1. SEE SHEET A180 FOR WALL TYPES AND A190 FOR WALL FRAMING DETAILS.
2. ALL AREAS WITH BATT INSULATION, INCLUDING AREAS ACCESSED FOR MAINTENANCE ABOVE CEILINGS, OTHER THAN AT INACCESSIBLE AREAS WITH HARD LID CEILINGS, SHALL BE COVERED WITH AN INSULATION COVER - SEE THERMAL INSULATION SPECIFICATION.
3. VERIFY ALL EXISTING DIMENSIONS IN FIELD.

KEYNOTES - NEW WORK

302	ROOFING SYSTEM: TPO MEMBRANE OVER 1/2" HD POLYISO COVER BOARD AND 4" POLYISO INSULATION BOARD ON STRUCTURAL STEEL DECKING (R-25 MINIMUM FOR TOTAL 4.5" POLYISO THICKNESS). PROVIDE KRAFT-FACED R-19 THERMAL BATT INSULATION UNDERNEATH ROOF DECK OVER INTERIOR SPACES.
523	CONCRETE STAIR
525	CONCRETE SLAB



KEY PLAN - ADMIN BLDG SECTIONS

NO.	DESCRIPTION OF REVISION - REVISED KEYNOTES & DETAIL REFERENCES	MADE BY - BMS	DATE - 11/13/26
2			

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18924
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Date Signed 11/13/26
ARIZONA U.S.A.
EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
Revisions:	Δ Description	Date
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ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
BUILDING & WALL SECTIONS - ADMIN BUILDING

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	104	200	

LOCATION SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A500**

___ OF ___

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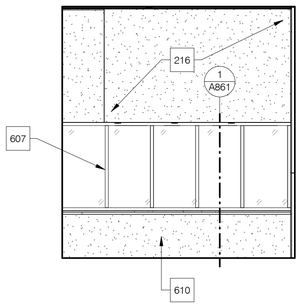
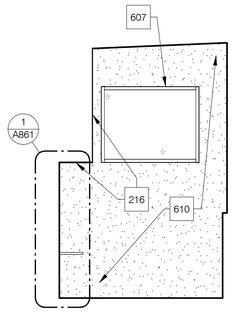
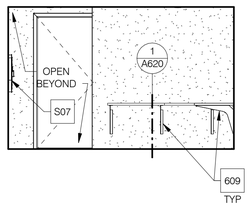
NO.	DESCRIPTION OF REVISION - REVISED WALL TYPES & VARIOUS CLARIFICATIONS	MADE BY - BMS	DATE - 11/13/26



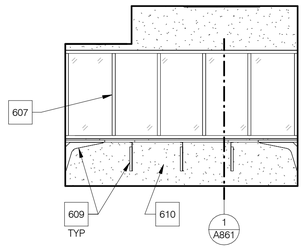
1 LOBBY - WEST
1/4" = 1'-0"



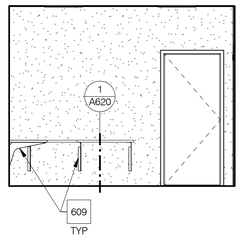
2 LOBBY - NORTH
1/4" = 1'-0"



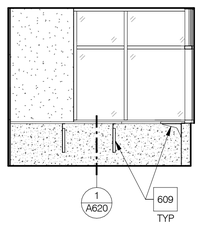
3 PERMIT OFFICE - NORTH
1/4" = 1'-0"



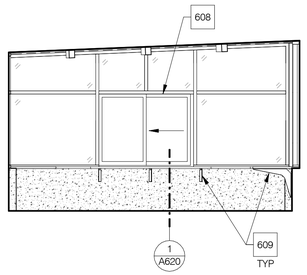
4 PERMIT OFFICE - EAST
1/4" = 1'-0"



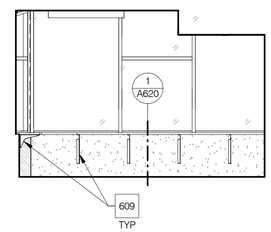
5 PERMIT OFFICE - SOUTH
1/4" = 1'-0"



6 WEIGHMASTER - WEST
1/4" = 1'-0"



7 WEIGHMASTER - NORTH
1/4" = 1'-0"

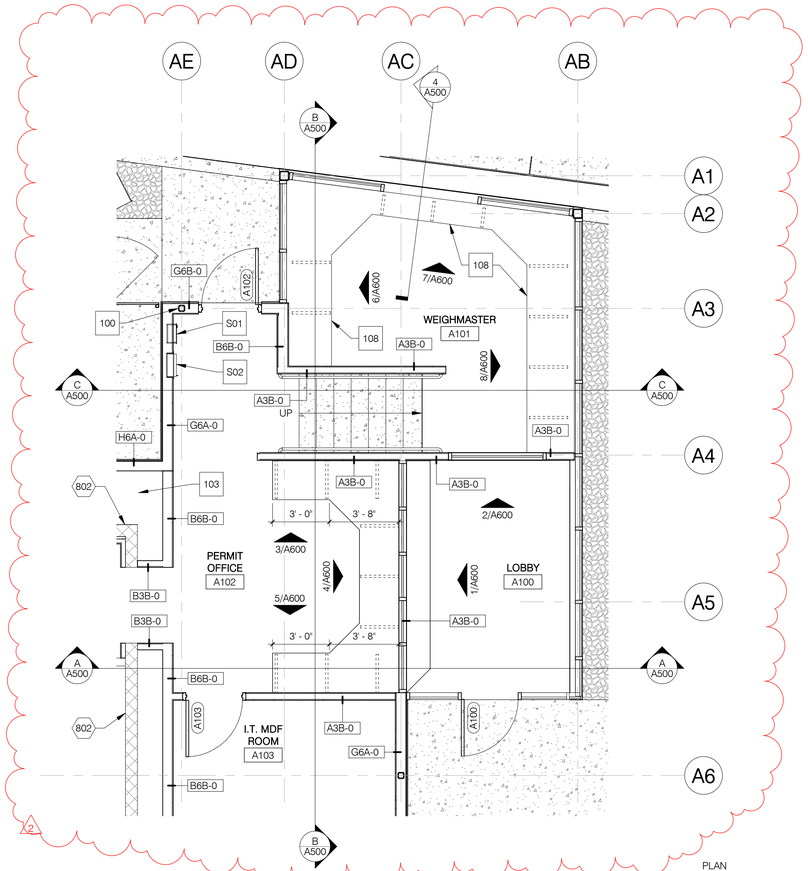


8 WEIGHMASTER - EAST
1/4" = 1'-0"

~	KEYNOTES - NEW WORK
100	STEEL COLUMN - WHERE EXPOSED TO VIEW, PROVIDE PAINTED FINISH OR HIGH PERFORMANCE COATING (AT EXTERIOR) IN COLOR AS SELECTED BY ARCHITECT
103	MECHANICAL CHASE
108	SOLID SURFACE MATERIAL COUNTERTOP
216	CEILING SOFFIT CONSTRUCTED OF 2-1/2" METAL STUDS @ 16" O.C. AND 1/2" GYPSUM BOARD
607	BALLISTIC-RESISTANT WINDOW FRAME ASSEMBLY
608	SLIDING ALUMINUM STOREFRONT TRANSACTION WINDOW
609	COUNTERTOP SUPPORT BRACKET
610	BALLISTIC-RESISTANT WALL - SEE WALL TYPE
S01	SEMI-RECESSED FIRE EXTINGUISHER CABINET
S02	SEMI-RECESSED DEFIBRILLATOR (AED) CABINET
S07	SEMI-RECESSED DEFIBRILLATOR (AED) CABINET. MOUNT CABINET WITH BOTTOM AT TOP OF CONCRETE STEM WALL.

GENERAL NOTES

1. SEE SHEET A640 FOR ADA & TOILET ACCESSORY GUIDELINES THAT INCLUDE MOUNTING HEIGHTS AND REQUIRED CLEARANCES FOR THOSE ITEMS.
2. SEE ROOM FINISH SCHEDULE FOR FLOOR/WALL BASE - NOT SHOWN ON INTERIOR ELEVATIONS.
3. SEE ROOM FINISH SCHEDULE AND FINISH & MATERIAL LEGEND FOR FINISH ABBREVIATIONS.
4. FOR FRAMED WALLS, ALL DIMENSIONS ARE FROM CENTERLINE OF STUD TO CENTERLINE OF STRUCTURAL GRID, U.N.O. FOR MASONRY WALLS, ALL DIMENSIONS ARE FROM FACE OF MASONRY TO FACE OF MASONRY OR CENTERLINE OF STRUCTURAL GRID, U.N.O. VERIFY ALL EXISTING DIMENSIONS IN FIELD.
5. SEE SHEET A180 FOR WALL TYPES AND A190 FOR WALL FRAMING DETAILS.
6. SEE DOOR SCHEDULE AND ELECTRICAL DOCUMENTS FOR ACCESS CONTROL LOCATIONS (I.E. CARD READERS).



A ENLARGED FLOOR PLAN - ADMIN BUILDING
1/4" = 1'-0"

PLAN NORTH
NORTH

18924
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Date Signed 11/13/26
REGISTERED ARCHITECT
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EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
Revisions:	Δ Description	Date
	2 ADDENDUM #2	11/13/26

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gla Project No.: 24102

gla

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
INTERIOR ELEVATION & ENLARGED PLANS - ADMIN BUILDING

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	107	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A600**

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ROOM FINISH SCHEDULE LEGEND

GENERAL NOTES

1. REFER TO THE DRAWINGS FOR MORE INFORMATION ON THE LOCATIONS AND EXTENT OF FINISHES AND MATERIALS, ESPECIALLY WHEN MORE THAN ONE FINISH IS LISTED IN THE SCHEDULE.
2. FINISHES AND MATERIALS LISTED HEREIN ARE THE BASIS OF DESIGN, SEE SPECIFICATIONS FOR SUBSTITUTION REQUIREMENTS. SEE FINISH & MATERIAL LEGEND.
3. SEE SHEET A680 FOR SIGNAGE TYPE DETAILS.

ABBREVIATIONS

CFS	CONCRETE FLOORS - SEALED
CMB	CEMENT BOARD
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CT	CERAMIC TILE & GROUT
CWS	CONCRETE WALLS - SEALED
ETR	EXISTING TO REMAIN
ETS	EXPOSED TO STRUCTURE
EX / EXIST	EXISTING
FAC	FACTORY FINISH
GB	GYPSUM BOARD
HPC	HIGH PERFORMANCE COATING
INTG	INTEGRAL COVE BASE
MTL	METAL
MRGB	MOLD-RESISTANT GYPSUM BOARD
P	PAINT
PCT	PORCELAIN TILE & GROUT
PLAM	PLASTIC LAMINATE
PLWD	3/4" FIRE RETARDANT TREATED PLYWOOD
PWC	PROTECTIVE WALL COVERING
RB	RUBBER BASE
RES	RESINOUS FLOORING
RVF	RESILIENT VINYL FLOORING
SS	STAINLESS STEEL
SSM	SOLID SURFACE MATERIAL
TR	TRIM
WDC	WINDOW COVERINGS

2

REMARKS

A. VERIFY INSTALLATION LOCATION OF SIGNAGE WITH OWNER/ARCHITECT.
B. PROVIDE 3/4" THICK AC GRADE FIRE-RETARDANT-TREATED (FRT) PLYWOOD FROM 2'-0" AFF TO 10'-0" AFF ON ALL WALLS IN THIS I.T. ROOM. SECURELY SCREW PLYWOOD OVER GYPSUM BOARD. PROVIDE TWO (2) COATS OF INTUMESCENT FIRE RESISTANT COATING ON EXPOSED SURFACES OF PLYWOOD EQUAL TO FIREFREE 88 (IN WHITE COLOR) AS MANUFACTURED BY FIREFREE COATINGS, INC. LEAVE A FIRE RATING SYMBOL EXPOSED TO VIEW ON EACH SHEET OF PLYWOOD.
C. PROVIDE JOINT SEALANT AT INTERSECTION OF CONCRETE STEM WALL AND CONCRETE FLOOR (COLOR TBD BY ARCHITECT TO MATCH CONCRETE).
D. 42" HIGH PROTECTIVE WALL COVERING WAINSCOT WITH TOP TRIM AND CORNER GUARDS.
E. TILE OVER CEMENT BOARD (CMB) AT DRINKING FOUNTAIN - SEE INTERIOR ELEVATIONS.
F. PROVIDE (1) ROW OF FULL 4' X 8' SHEETS OF FRP, VERTICALLY ORIENTED, INSTALLED DIRECTLY TO METAL STUD WALL FRAMING ABOVE CONCRETE STEM WALL. EXPOSED FASTENERS SHALL BE PAINTED OR COLOR TO MATCH FRP.

ROOM FINISH SCHEDULE - ADMIN BUILDING

NO.	ROOM NAME	FLOOR		WALLS								MILLWORK		WINDOW COVERINGS	SIGNAGE	REMARKS
				NORTH		EAST		SOUTH		WEST						
		FINISH	BASE	SURFACE	FINISH	SURFACE	FINISH	SURFACE	FINISH	SURFACE	FINISH	COUNTERTOPS & BACKSPLASHES	CABINETS & SUPPORTS			
A100	LOBBY	CFS-2	RB-1	GB	P-2	CONC / ASF	CWS-1 / FAC	ASF	FAC	GB / ASF	P-2 / FAC	SSM-1	MTL	WDC-1	---	
A101	WEIGHMASTER	CFS-2	RB-1	CONC / ASF	CWS-1 / FAC	GB / ASF	P-2 / FAC	GB / ASF	P-2	CONC / GB / ASF	CWS-1 / P-2 / FAC	SSM-1	MTL / PL-1	WDC-1	S-4	
A102	PERMIT OFFICE	CFS-2	RB-1	GB	P-2	GB / ASF	P-2 / FAC	GB	P-2	GB	P-2	SSM-1	MTL / PL-1	---	S-4 / S-6	D
A103	I.T. MDF ROOM	CFS-2	RB-1	GB	P-2 / PLWD	GB	P-2 / PLWD	GB	P-2 / PLWD	GB	P-2 / PLWD	---	---	---	S-4	B
A104	HALL	CFS-2	RB-1	GB	P-2	GB	P-2	GB	P-2	GB	P-2	---	---	---	S-4 / S-6	D
A105	EXISTING ENFORCEMENT OFFICE	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	---	---	ETR	S-5	
A106	OFFICE	CFS-2	RB-1	GB	P-2	GB	P-2	GB	P-2	GB	P-2	---	---	WDC-1	S-5	
A107	HALL	CFS-2	RB-1	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	---	---	---	S-4	
A108	MEN	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	---	---	ETR	S-1	
A109	JANITOR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	---	---	---	S-4	
A110	WOMEN	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	---	---	---	S-2	
A111	BREAK ROOM	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	S-4	
A112	HALL	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	---	---	ETR	S-4	
A113	STAFF WOMEN	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	---	---	---	S-2	
A114	STAFF MEN	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	---	---	---	S-1	

2

ROOM FINISH SCHEDULE - INSPECTION BUILDING

NO.	ROOM NAME	FLOOR		WALLS								MILLWORK		WINDOW COVERINGS	SIGNAGE	REMARKS
				NORTH		EAST		SOUTH		WEST						
		FINISH	BASE	SURFACE	FINISH	SURFACE	FINISH	SURFACE	FINISH	SURFACE	FINISH	COUNTERTOPS & BACKSPLASHES	CABINETS & SUPPORTS			
101	INSPECTION BAY #1	CFS-1	---	CONC / MSF	CWS-1 / FRP-1	CONC / MSF	CWS-1 / FRP-1	CONC / MSF	CWS-1 / FRP-1	CONC / MSF	CWS-1 / FRP-1	---	---	---		C, F
102	INSPECTION BAY #2	CFS-1	---	CONC / MSF / GB	CWS-1 / FRP-1 / CT-1	CONC / MSF	CWS-1 / FRP-1	CONC / MSF	CWS-1 / FRP-1	CONC / MSF	CWS-1 / FRP-1	---	---	---		C, E, F
103	AIR COMPRESSOR ROOM	CFS-1	RB-1	CONC / GB	CWS-1 / P-4	GB	P-4	GB	P-4	GB	P-4	---	---	---	S-4	C

NO.	DESCRIPTION OF REVISION - REVISIONS TO SCHEDULE AND REMARKS	MADE BY	DATE
2		BMS	11/13/26

18924
Z. JAN E.
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ARIZONA U.S.A.
EXPIRES 6/30/2027

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gla Project No.: 24102

gla

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
ROOM FINISH SCHEDULE

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	110	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A650**

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FINISH & MATERIAL LEGEND

NOTE: FINISHES AND MATERIALS LISTED HEREIN ARE THE BASIS OF DESIGN, SEE SPECIFICATIONS FOR SUBSTITUTION REQUIREMENTS.

FINISH / MATERIAL MARK	BASIS OF DESIGN MANUFACTURER	DESCRIPTION / DETAILS	SPECIFICATION CSI NUMBER	NOTES / LOCATIONS
ACCESS DOORS AND FRAMES			08 31 13	
ACD-1	MILCOR	COLOR / FINISH: POWDER COATED WHITE		WITHIN WHITE CEILINGS AND WALLS
ACD-2	MILCOR	COLOR / FINISH: STAINLESS STEEL		WITHIN CERAMIC TILE FINISHED WALLS
ACD-3	MILCOR	COLOR / FINISH: PAINTED TO MATCH ADJACENT/SURROUNDING FINISH OR COLOR AS SELECTED BY ARCHITECT		LOCATIONS TBD BY ARCHITECT
ACOUSTIC CEILING TILE			09 51 00	
ACT-1	USG	RADAR / SQ EDGE / 24" X 48" X 5/8" / 0.55 NRC / COLOR: WHITE DONN DX/DXL HIGH RECYCLED CONTENT 15/16" EXPOSED TEE, COLOR: FLAT WHITE 050		
CERAMIC TILE & GROUT			09 31 00	
CT-1	DALTILE	6" X 24" RECTANGULAR / THICKNESS: 5/16" / FINISH: MATTE SERIES: PORTFOLIO / COLOR: ASH GREY PF05 / INSTALLATION: VERTICAL STACK		WALL TILE - FIELD COLOR
	ARDEX	EPOXY GROUT COLOR: 25 STORMY MIST / GROUT WIDTH: 1/16"		
CT-2	DALTILE	6" X 24" RECTANGULAR / THICKNESS: 5/16" / FINISH: MATTE SERIES: PORTFOLIO / COLOR: ASH GREY PF05 / INSTALLATION: HORIZONTAL ROW		WALL TILE - BASE
	ARDEX	EPOXY GROUT COLOR: 25 STORMY MIST / GROUT WIDTH: 1/16"		
CT-3	DALTILE	6" X 24" RECTANGULAR / THICKNESS: 5/16" / FINISH: MATTE / BULLNOSE TRIM SERIES: PORTFOLIO / COLOR: ASH GREY PF05 / INSTALLATION: HORIZONTAL ROW		WALL TILE - BASE W/ BULLNOSE
	ARDEX	EPOXY GROUT COLOR: 25 STORMY MIST / GROUT WIDTH: 1/16"		
CONCRETE FLOOR - SEALED			03 30 00	
CFS-1	EUCLID CHEMICAL	EUCO DIAMOND HARD (LIQUID DENSIFIER AND SEALER)		EXPOSED INTERIOR CONCRETE FLOORS
CFS-2	EUCLID CHEMICAL	BARACADE WB 244		EXPOSED INTERIOR CONCRETE FLOORS - PIT LEVEL
CONCRETE WALL - SEALED			03 30 00	
CWS-1	EUCLID CHEMICAL	BARACADE WB 244 (WATER REPELLENT SEALER)		EXPOSED CONCRETE STEM WALLS (INTR & EXTR)
ELECTRICAL LIGHT FIXTURES (EXTERIOR)				SEE ELECTRICAL DRAWINGS & SPECIFICATIONS
---	LITHONIA	TYPE: WDGE2 | COLOR: DNAXD (NATURAL ALUMINUM)		
---	PINNACLE	TYPE: EDGE | COLOR: S - METALLIC SILVER		
ELECTRICAL LIGHT SWITCH & CONTROL COVER PLATES				SEE ELECTRICAL DRAWINGS & SPECIFICATIONS
---	---	COLOR / FINISH: BRUSHED STAINLESS STEEL		
ELECTRICAL TEL/DATA COVER PLATES				SEE ELECTRICAL DRAWINGS & SPECIFICATIONS
---	---	COLOR: GREY		
FIBERGLASS REINFORCED PANELING (FRP)			06 83 16	
FRP-1	FORMGLAS	COLOR: WHITE / SURFACE: SMOOTH LAYOUT: VERTICALLY ORIENT 4X SHEETS		INTERIOR INSPECTION BUILDING WALLS
HIGH PERFORMANCE COATING			09 96 00	
HPC-1	DUNN-EDWARDS	COLOR: DET611 IRON-IC, SHEEN: SEMI-GLOSS		EXTR SIDE OF EXTR HM DOORS & FRAMES
HPC-2	SHERWIN-WILLIAMS	COLOR: SW7019 GAUNTLET GRAY, SHEEN: SEMI-GLOSS		INTR SIDE OF EXTR HM DOORS & FRAMES
HPC-3	DUNN-EDWARDS	COLOR: TBD, SHEEN: SEMI-GLOSS		ROOF MECH SCREEN WALL STEEL
HPC-4	DUNN-EDWARDS	COLOR: TBD, SHEEN: SEMI-GLOSS (TO MATCH/BLEND WITH EXPOSED CONCRETE STEM WALL)		EXTR STEEL PLATE & COLS AT OVERHEAD COILING DOORS
HPC-5	DUNN-EDWARDS	COLOR: AS SELECTED BY ARCHITECT, SHEEN: SEMI-GLOSS		EXTR SIDE OF EXISTING EXTR HM DOORS & FRAMES
METAL COPING (WALL CAPS)			07 60 00	
MCO-1	ATAS INTERNATIONAL	TO MATCH MWP-1 WITH CLEAR ANODIZED FINISH		
MCO-2	ATAS INTERNATIONAL	TO MATCH MWP-2 WITH 70% PVDF PREMIUM FINISH COLOR: COLOR: COPPERTONE (23)		

FINISH & MATERIAL LEGEND (CONTINUED)

FINISH / MATERIAL MARK	BASIS OF DESIGN MANUFACTURER	DESCRIPTION / DETAILS	SPECIFICATION CSI NUMBER	NOTES / LOCATIONS
METAL BAR GRATING			05 50 00	
MBG-1	MCNICHOLS	STANDARD-DUTY WELDED, RECTANGULAR BAR, GW-100-A, 19-W-4 SPACING, GALVANIZED STEEL, HOT DIPPED, 1" X 1/8"		
METAL WALL, FASCIA, & SOFFIT PANELS			07 42 13	
MWP-1	ATAS INTERNATIONAL	HEX PERFORATED CORRA-MAX WITH 70% PVDF PREMIUM FINISH COLOR: TITANIUM (35) / INSTALLATION: HORIZONTAL SEAM ORIENTATION		
MWP-2	ATAS INTERNATIONAL	BELVEDERE 6" SHORT RIB BWK360 WITH 70% PVDF PREMIUM FINISH COLOR: COPPERTONE (23) / INSTALLATION: VERTICAL SEAM ORIENTATION		
MWP-3	ATAS INTERNATIONAL	OPALINE OPW085 WITH 70% PVDF STANDARD FINISH COLOR: DOVE GREY (13) / INSTALLATION: VERTICAL SEAM ORIENTATION		
OVERHEAD COILING DOORS			08 33 23	
OCD-1	OVERHEAD DOOR CORP.	POWDERGUARD MAX COLOR: RAL 7039 - QUARTZ GREY		
PAINT			09 91 00	
P-1	DUNN-EDWARDS	COLOR: DEHW08 CLASSIC WHITE, SHEEN: FLAT		CEILINGS & SOFFITS
P-2	DUNN-EDWARDS	COLOR: DEW341 SWISS COFFEE, SHEEN: SEMI-GLOSS		INTERIOR WALLS
P-3	SHERWIN-WILLIAMS	COLOR: SW7019 GAUNTLET GRAY, SHEEN: SEMI-GLOSS		INTERIOR HM DOORS & FRAMES
P-4	DUNN-EDWARDS	COLOR: DEW341 SWISS COFFEE, SHEEN: EGGSHELL		INTERIOR WALLS
PLASTIC LAMINATE			06 40 00	
PLAM-1	FORMICA	COLOR: GRAPHITE TWILL 8829-58		
RESINOUS FLOORING			09 67 23	
RES-1	KEY RESIN CO.	COLOR: TBD - AS SELECTED BY ARCHITECT / TEXTURE: MEDIUM		INSPECTION BUILDING PIT FLOORS
RUBBER BASE			09 65 13	
RB-1	FLEXCO	4' HIGH TS WALLFLOWERS RUBBER (WF-071) / COLOR: 078 UMBER		
SOLID SURFACE MATERIAL			06 40 00	
SSM-1	LG HAUSYS	HI-MACS / COLOR: WALLOWA G157		
THERMOPLASTIC POLYOLEFIN (TPO) ROOFING			07 54 00	
TPO-1	GAF	EVERGUARD WHITE 920		
TRIM			09 31 00	
TR-1	BLANKE	QUARTER CIRCLE TILE TRIM / STAINLESS STEEL - BRUSHED		
WINDOW COVERINGS (ROLLER WINDOW SHADES)			12 24 00	
WDC-1	MECHOSHADE	FABRIC TYPE: SOHO 1600 SERIES, 3 % OPEN COLOR: AS SELECTED BY ARCHITECT		MANUAL OPERATING SINGLE SHADE

NO.	DESCRIPTION OF REVISION - LEGEND MODIFICATIONS	MADE BY - BMS	DATE - 11/13/26
2			

11/19/2026 4:54:43 PM

REGISTERED ARCHITECT
18924
Z. JAN E. LORANT
Date Signed 11/13/26
ARIZONA U.S.A.
EXPIRES 6/30/2027

Issue Date:	10 JULY 2026	
Revisions:	# Description	Date
	2 ADDENDUM #2	11/13/26

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gla

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
FINISH & MATERIAL LEGEND

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	ARIZ.	010 CH 383	010-F(238)T	111	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

DWG NO. **A651**

TRACS NO. F0728 01C

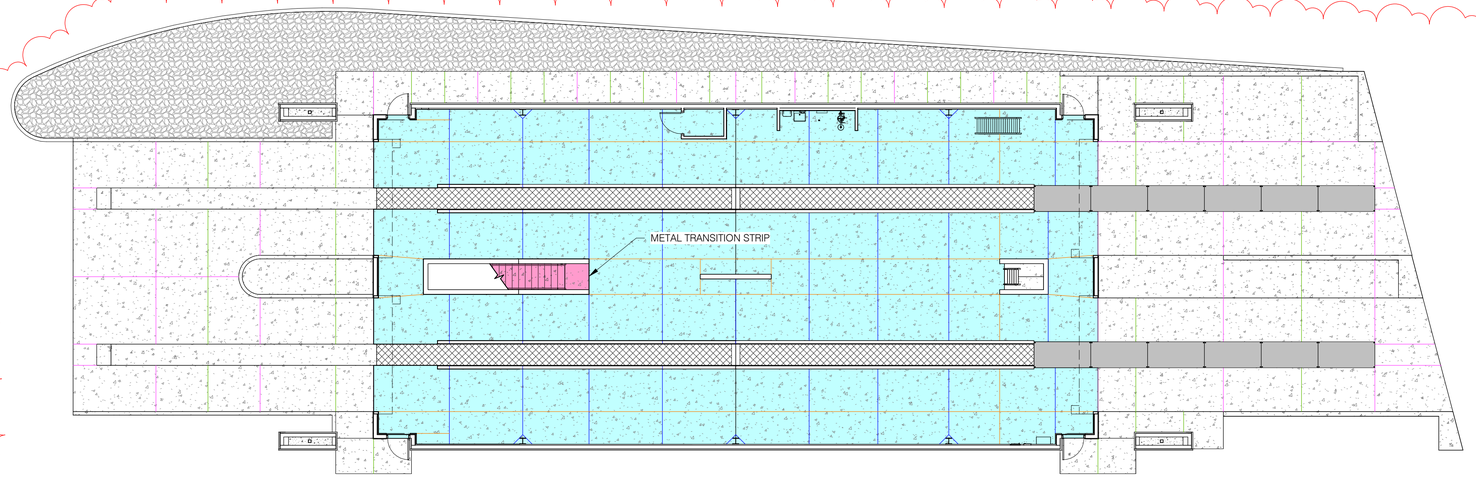
____ OF ____

DO NOT SCALE DRAWINGS. DO NOT PLOT 'SCALE TO FIT'. THIS DOCUMENT IS FORMATTED FOR THE ANSI D (22"x34") SHEET SIZE.
FULL-SIZE PLOT ON ANSI D (22"x34") PAPER ONLY. HALF-SIZE PLOT ON 11"x17" PAPER ONLY.

NO.	DESCRIPTION OF REVISION - MODIFICATION TO TYPES AND EXTENTS OF FLOOR FINISHES	MADE BY -	DATE -
2	ADDENDUM #2	BMS	11/13/26

GENERAL NOTES

1. SEE ROOM FINISH SCHEDULE AND FINISH & MATERIAL LEGEND FOR FINISH ABBREVIATIONS.

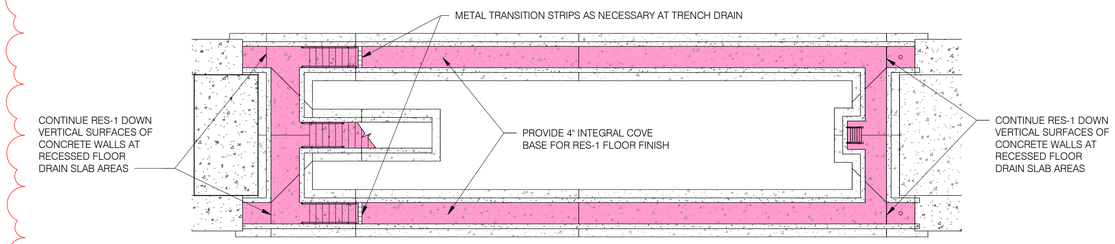


FLOOR FINISH LEGEND

- CFS-1
- CFS-2 (ON EXISTING CONCRETE)
- RES-1

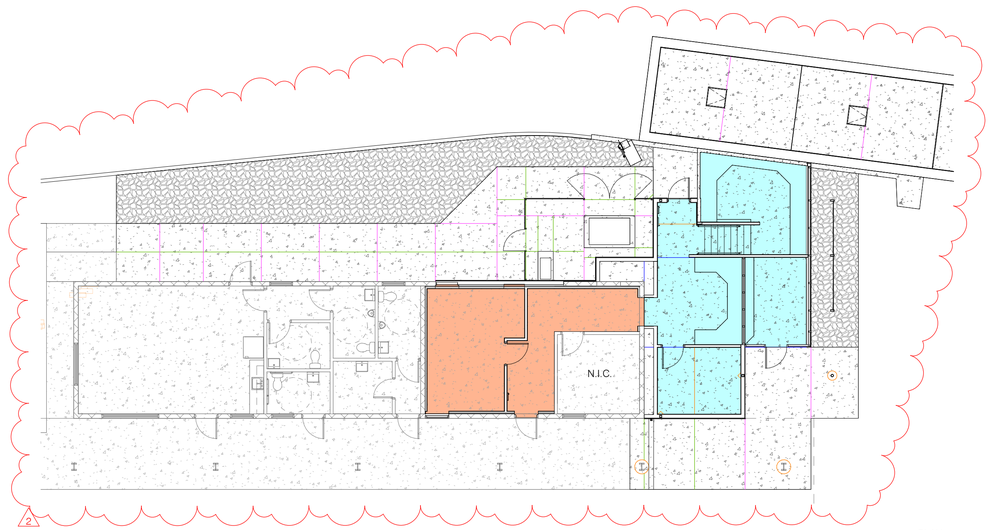
PLAN NORTH / NORTH

2 FLOOR FINISH PLAN - INSPECTION BUILDING
3/32" = 1'-0"



PLAN NORTH / NORTH

3 FLOOR FINISH PLAN - INSPECTION BUILDING - PIT LEVEL
3/32" = 1'-0"



PLAN NORTH / NORTH

1 FLOOR FINISH PLAN - INSPECTION BUILDING
3/32" = 1'-0"

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Issue Date:	14 AUGUST 2026	
Revisions:	# Description	Date
	2 ADDENDUM #2	11/13/26

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
PROJECT MANAGEMENT GROUP

SAN SIMON PORT OF ENTRY
FLOOR FINISH PLANS

ROUTE I-10
MILEPOST 383
STRUCTURE NO.

F.H.W.A. Arizona Division

STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
ARIZ.	010 CH 383	010-F(238)T	112	200	

LOCATION: SAN SIMON PORT OF ENTRY (POE)

TRACS NO. F0728 01C

DWG NO. **A660**
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