

**ADDENDUM NO. 6
TO
CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS
FOR IMPROVEMENTS TO THE
ST. JOSEPH ROSECRANS MEMORIAL AIRPORT
ST. JOSEPH, MISSOURI
MODOT PROJECT NO. 22-012A-1**

To All Bidders: You are requested to make all changes and/or additions contained in this addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal shall result in rejection of bid. Bidders are informed that the above referenced Questions with Corresponding Answers, Contract Documents, Specifications, and Plans are modified as follows as of December 12th, 2022.

CONTRACT DOCUMENTS/SPECIFICATIONS/PLANS

Plans:

1. Plans
Sheet S-200
Revision: North East Side of Service Area Foundation Plan Updated

2. Plans
Sheet S-300
Revision: Detail 303 Wall Schedule Updated

3. Plans
Sheet S-301
Revision: Detail S339 Updated

4. Plans
Sheet A-203
Revision: Detail A3 Added

Questions:

5. The spec mentions that if distance is over 100 meters single mode fiber should be used. (130-2.3.1) – What is the distance between the new Vault and the Tower building?
 - a) The path for the new fiber from the vault to the tower is shown on sheet E-300. The total length of the fiber from the vault to the tower is approximately 2,700’.
6. The spec mentions there should be a wireless link between the administrative building and the tower (130-2.3.2) . As 2.4 GHz ISM band radio products are hard to find can 5.8 GHz used instead?
 - a) Yes, 5.8 GHz is acceptable.
7. The plan drawings doesn’t show generator and ATS but the spec requires Vault Emergency generator Control (130-3.6) and ATC/Generator monitoring (130-3.7) – Can you confirm that it is really required?
 - a) Yes, it is required. The new vault generator is shown on the electrical site plan (inlay 1 on sheet E-300) and on the one-line diagram on sheet E-351. The transfer switch is shown on the one-line diagram on sheet E-351 and on section B-B on sheet E-350.
8. Is it preferred that the tower equipment room will include the computer / UPS/ enclosure and use KVM extender to the touch screen in the tower cab or is it preferred instead that the tower cab will include All in One computer and touch screen and the UPS and fiber switch will be positioned in the tower cab as well?
 - a) It is preferred the Tower cab that will include All in One computer and touch screen. The UPS and fiber switch will be positioned in the tower cab as well.
9. Is Hydralastic 836 Cold-Applied, Single Component Waterproofing acceptable?
 - a) Yes this is acceptable.
10. Is it acceptable to replace the BionicPro4 Perimeter LED Specification with the Neo-Ray Define 4 recessed perimeter LED PN: S124RDRP-S575D830-FSR11F0-1-UDD-A-W ?
 - a) Yes this is acceptable.
11. Is Spec Formliners 1272 Wood with reveals acceptable for the exterior foundation walls?
 - a) Yes, this is acceptable. The contractor must provide one test example on site before continuing, on the rest of the foundation walls.
12. Is the water main on sheet C- 900 a private main or is it a Missouri American Water service line? Who is responsible for the relocation?

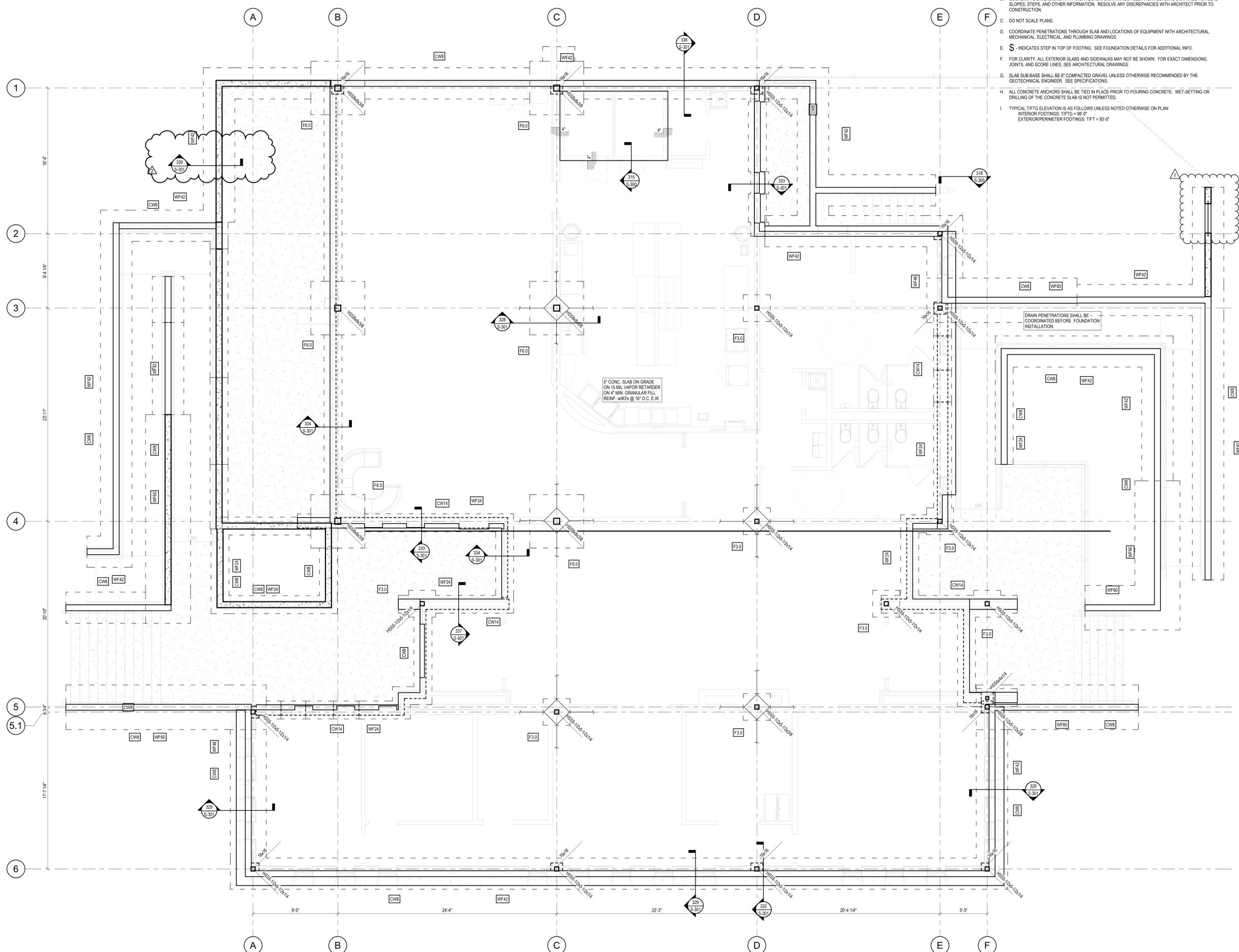
- a) The contractor will be responsible for all water line utility work and will include such pricing in their bid. The contractor shall subcontract with an approved Missouri Water contractor for the work, and the work shall conform to Missouri Water's standards and specifications.

13. The drawing calls all the metal fascia coping. Specs refer to manufactured coping that would be used on a parapet wall. Can the fascia be shop made and is it steel or aluminum?

- a) It is acceptable for the fascia to be shop made.
- b) Please refer to spec section. 07 62 00 Part 9.5 Item C
“C. Copings:
1. Install roof edge flashings in accordance with ANSI/SPRI/FM 4435/ES-1.
2. Anchor to resist uplift and outward forces in accordance with recommendations in FM Global Property Loss Prevention Data Sheet 1-49 for specified FM Approvals' listing for required windstorm classification.
3. Fabricate from similar materials and colors to black anodized metal panels and soffits.”

FOUNDATION PLAN NOTES

- A. SEE SHEET S-100 FOR GENERAL STRUCTURAL NOTES, LEGEND, AND ABBREVIATIONS.
- B. COORDINATE DIMENSIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR SLAB SLOPES, STEPS, AND OTHER INFORMATION. RESOLVE ANY DISCREPANCIES WITH ARCHITECT PRIOR TO CONSTRUCTION.
- C. DO NOT SCALE PLANS.
- D. COORDINATE PENETRATIONS THROUGH SLAB AND LOCATIONS OF EQUIPMENT WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
- E. \$ - INDICATES STEP IN TOP OF FOOTING. SEE FOUNDATION DETAILS FOR ADDITIONAL INFO.
- F. FOR CLARITY, ALL EXTERIOR SLABS AND SIDEWALKS MAY NOT BE SHOWN. FOR EXACT DIMENSIONS, JOINTS, AND SCORE LINES, SEE ARCHITECTURAL DRAWINGS.
- G. SLAB SUB-BASE SHALL BE 6" COMPACTED GRAVEL UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL ENGINEER. SEE SPECIFICATIONS.
- H. ALL CONCRETE ANCHORS SHALL BE TIED IN PLACE PRIOR TO POURING CONCRETE. WET-SETTING OR DRILLING OF THE CONCRETE SLAB IS NOT PERMITTED.
- I. TYPICAL TIFTG ELEVATION IS AS FOLLOWS UNLESS NOTED OTHERWISE ON PLAN:
 INTERIOR FOOTINGS: TIFTG = 99'-0"
 EXTERIOR/PERIMETER FOOTINGS: TIFTG = 93'-0"



ISSUE RECORD

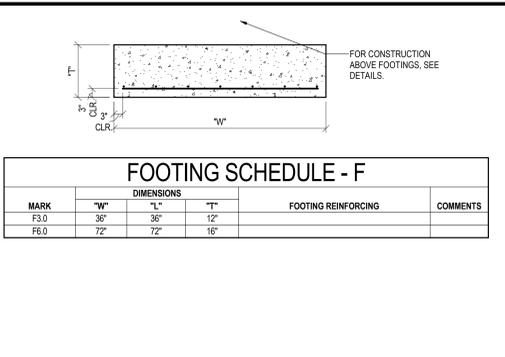
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1	G.D.H.	11/16/2022	ISSUED FOR BID
2	G.D.H.	12/09/2022	ADD #6

ISSUED FOR BID

NAME	REG. NO.	DATE
FOR AND ON BEHALF OF JVIATION, INC.		
DRAWN: GDH	CHECKED: GDH	APPROVED: RBK
PROJECT NUMBER: MODOT #22-012A-1		

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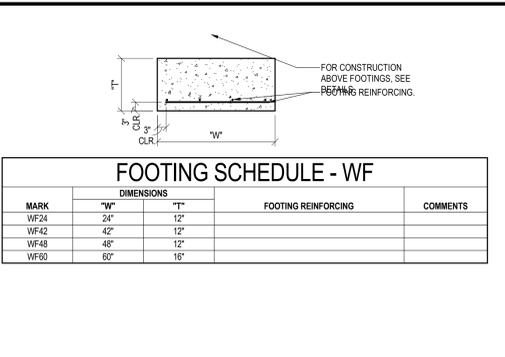
FOUNDATION PLAN
1/4" = 1'-0"



FOOTING SCHEDULE - F

MARK	DIMENSIONS			FOOTING REINFORCING	COMMENTS
	"W"	"L"	"T"		
F3.0	36"	36"	12"		
F6.0	72"	72"	16"		

301 PAD FOOTING SCHEDULE
1/2" = 1'-0"



FOOTING SCHEDULE - WF

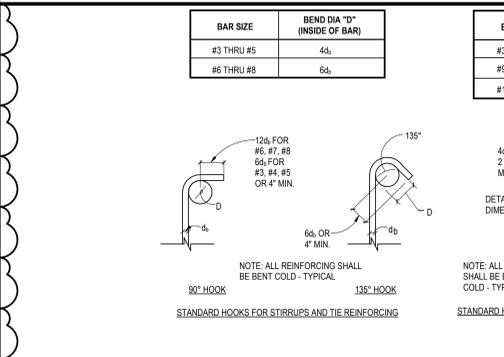
MARK	DIMENSIONS			FOOTING REINFORCING	COMMENTS
	"W"	"T"	"T"		
WF24	24"	12"	12"		
WF42	42"	12"	12"		
WF48	48"	12"	12"		
WF60	60"	16"	16"		

302 WALL FOOTING SCHEDULE DETAIL
1/2" = 1'-0"

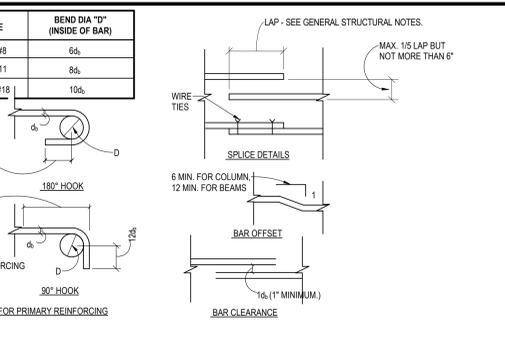
WALL SCHEDULE - CW

MARK	THICKNESS	WALL REINFORCEMENT		COMMENTS
		VERTICAL	HORIZONTAL	
CW8	8"	#5 @ 12" O.C.	#5 @ 12" O.C.	
CW14	14"	#5 @ 12" O.C. E.F.	#5 @ 18" O.C. E.F.	

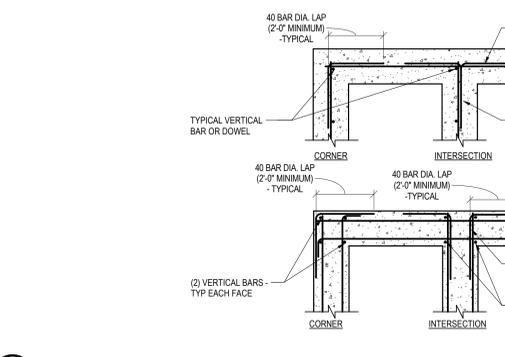
303 WALL SCHEDULE
1/2" = 1'-0"



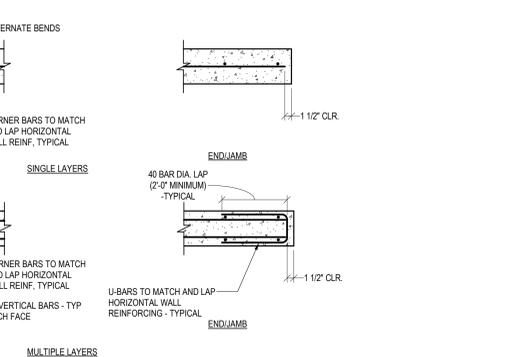
304 TYPICAL REINFORCING BAR DETAILS
3/4" = 1'-0"



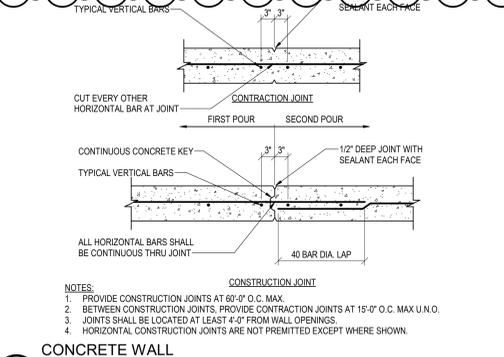
305 TYPICAL REINFORCING BAR DETAILS
3/4" = 1'-0"



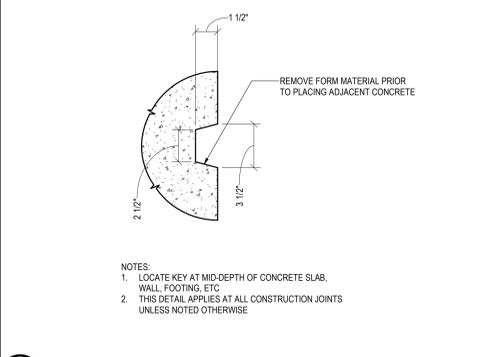
306 TYPICAL CONCRETE WALL REINF.
3/4" = 1'-0"



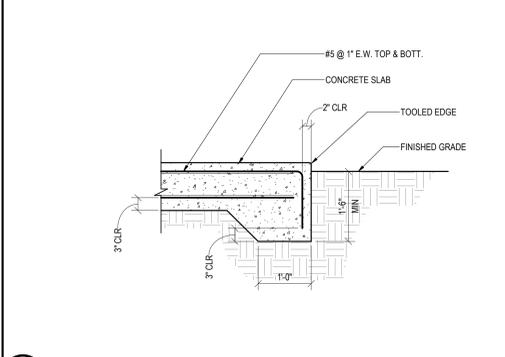
307 TYPICAL CONCRETE WALL REINF.
3/4" = 1'-0"



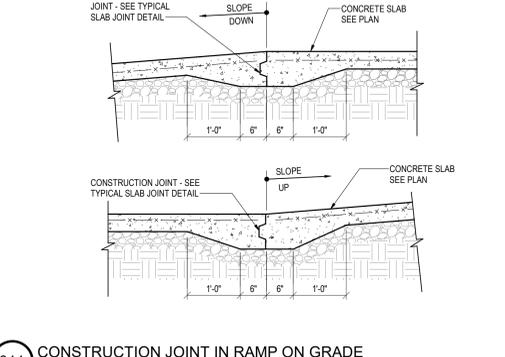
308 CONCRETE WALL CONTRACTION AND CONSTRUCTION JOINTS
3/4" = 1'-0"



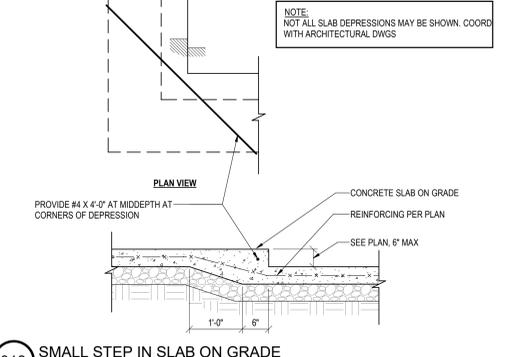
309 TYPICAL KEY IN CONCRETE
3/4" = 1'-0"



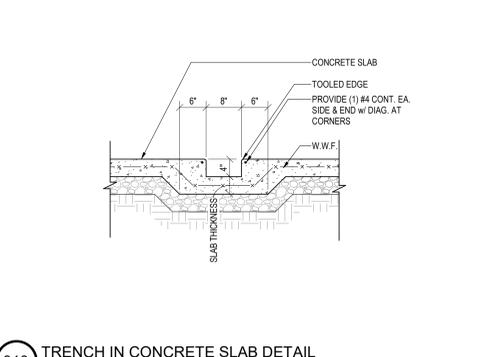
310 EDGE OF CONCRETE EQUIPMENT SLAB
3/4" = 1'-0"



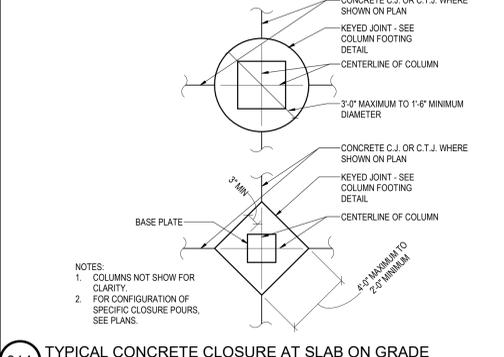
311 CONSTRUCTION JOINT IN RAMP ON GRADE
3/4" = 1'-0"



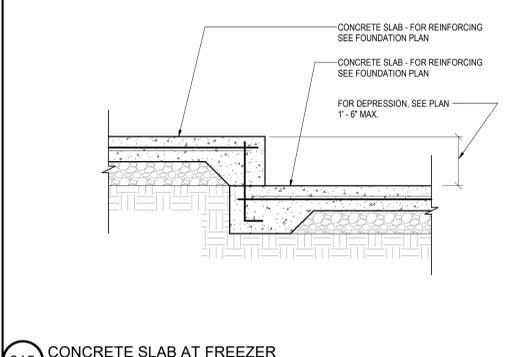
312 SMALL STEP IN SLAB ON GRADE
3/4" = 1'-0"



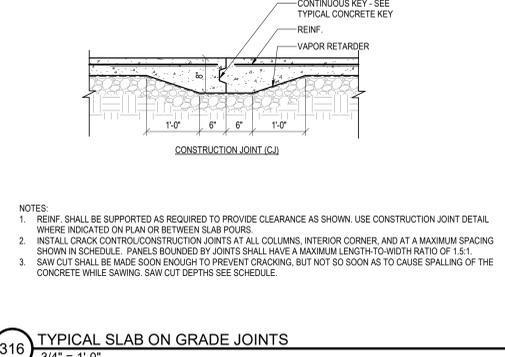
313 TRENCH IN CONCRETE SLAB DETAIL
3/4" = 1'-0"



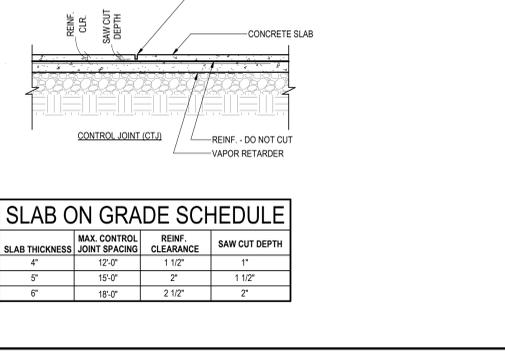
314 TYPICAL CONCRETE CLOSURE AT SLAB ON GRADE
3/4" = 1'-0"



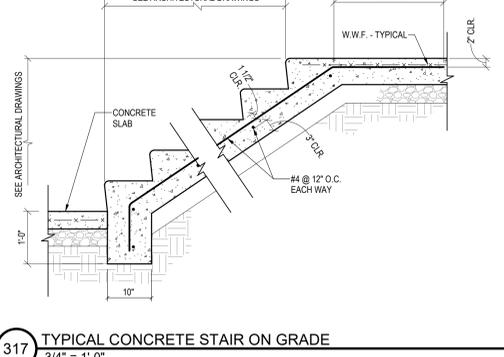
315 CONCRETE SLAB AT FREEZER
3/4" = 1'-0"



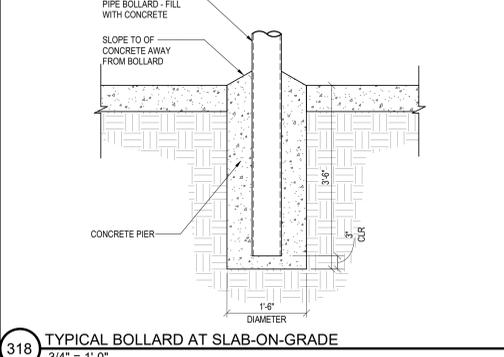
316 TYPICAL SLAB ON GRADE JOINTS
3/4" = 1'-0"



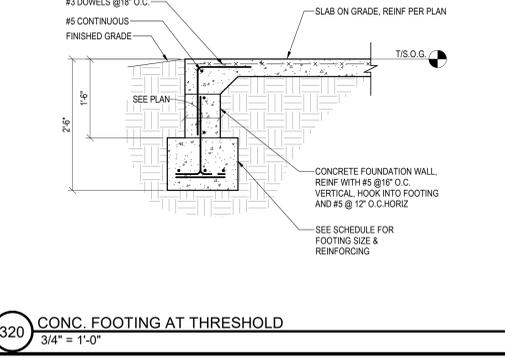
317 TYPICAL CONCRETE STAIR ON GRADE
3/4" = 1'-0"



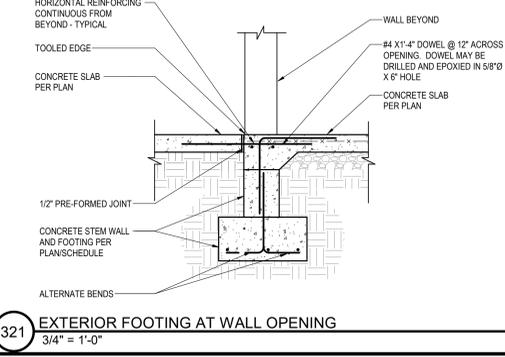
318 TYPICAL BOLLARD AT SLAB-ON-GRADE
3/4" = 1'-0"



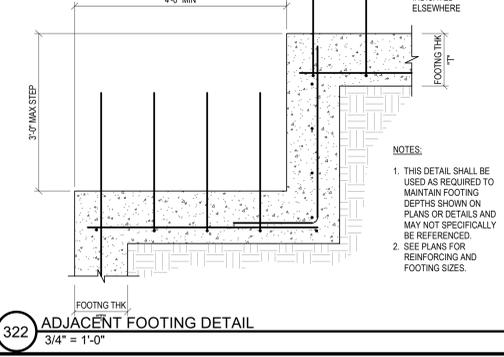
319 TYPICAL CONCRETE SLAB TOEDOWN
3/4" = 1'-0"



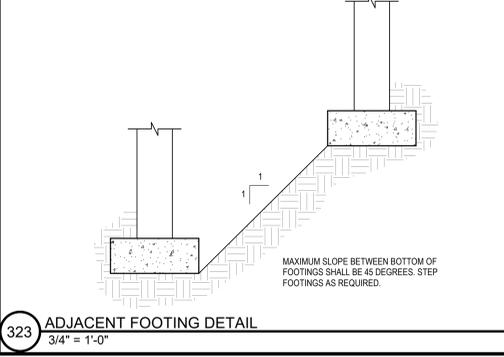
320 CONC. FOOTING AT THRESHOLD
3/4" = 1'-0"



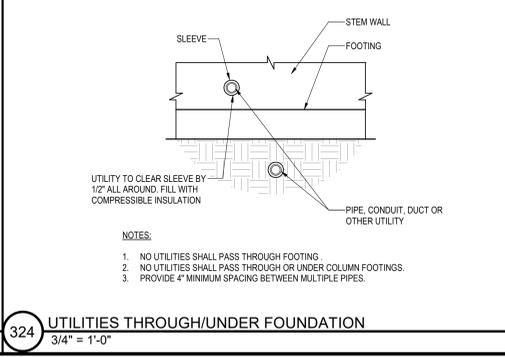
321 EXTERIOR FOOTING AT WALL OPENING
3/4" = 1'-0"



322 ADJACENT FOOTING DETAIL
3/4" = 1'-0"



323 ADJACENT FOOTING DETAIL
3/4" = 1'-0"



324 UTILITIES THROUGH/UNDER FOUNDATION
3/4" = 1'-0"

ROSECRANS MEMORIAL AIRPORT
CITY OF ST. JOSEPH, MISSOURI

TERMINAL BUILDING

JVIATION VERTEX
The Vertex Companies, LLC
2425 West 57th Avenue, Suite 500-D
Denver, CO 80211
PHONE: 303.423.9191 FAX: 303.423.9198
www.jviation.com
VERTEX-CORP-64603
TYC MO CDAP 201607403

TERMINAL BUILDING
100 B NW Rosecrans Road, St. Joseph, MO 64503

A PROJECT FOR:
ROSECRANS MEMORIAL AIRPORT

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION
1	G.D.H.	11/16/2022	ISSUED FOR BID
2	G.D.H.	12/09/2022	ADD #6

ISSUED FOR BID

NAME	REG. NO.	DATE
FOR AND ON BEHALF OF JVIATION, INC.		
DRAWN: GDH	CHECKED: GDH	APPROVED: RBK

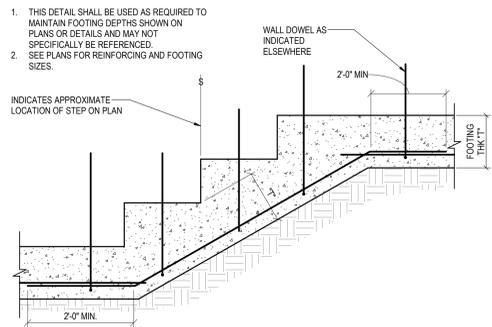
PROJECT NUMBER: **MODOT #22-012A-1**

FOUNDATION DETAILS 301-316

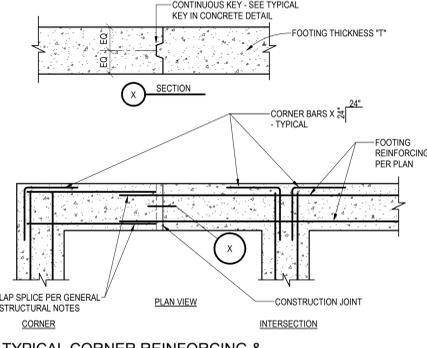
S-300

S-300 FOUNDATION DETAILS 301-316 12/12/2022 2:33:17 PM BIM_360/JVIATION_STJ_ADMIN BLDG. SHUC. R20.rvt

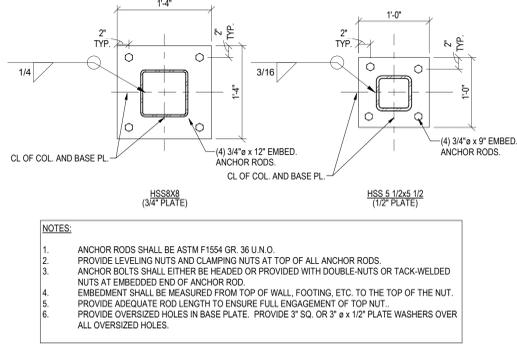
NOTES:



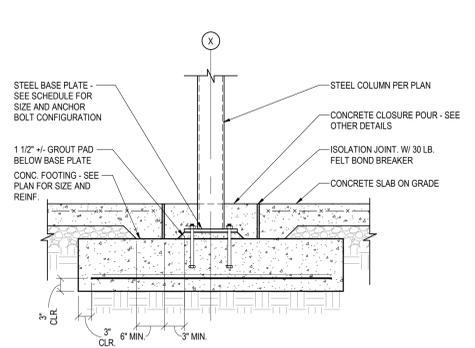
325 TYPICAL FOOTING STEP
3/4" = 1'-0"



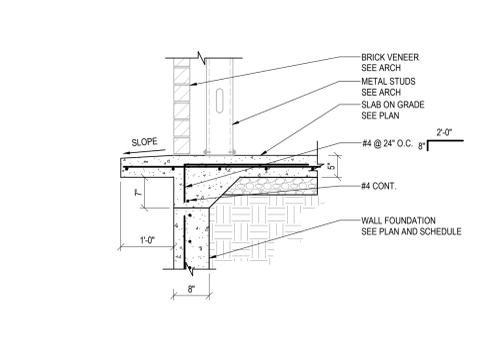
326 TYPICAL CORNER REINFORCING & CONSTRUCTION JOINTS IN CONCRETE FOOTINGS
3/4" = 1'-0"



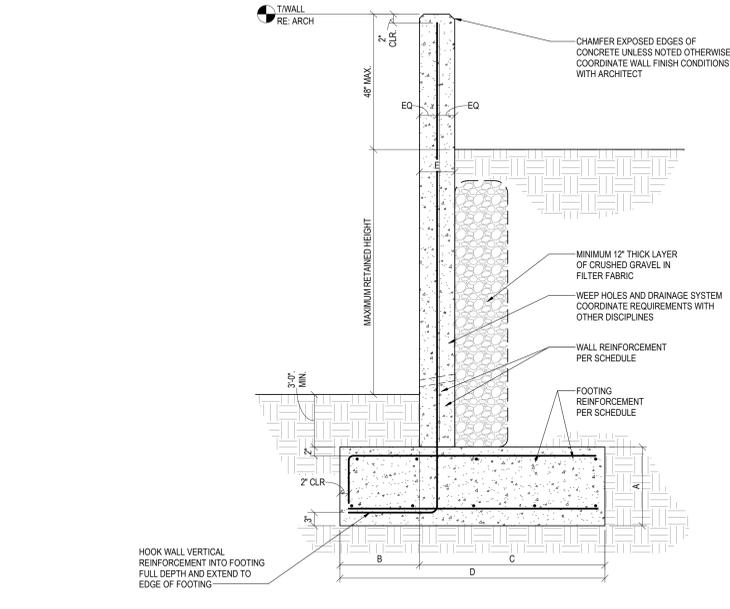
327 TYPICAL STEEL BASE PLATE DETAIL
1" = 1'-0"



328 INTERIOR STEEL COLUMN FOOTING
3/4" = 1'-0"



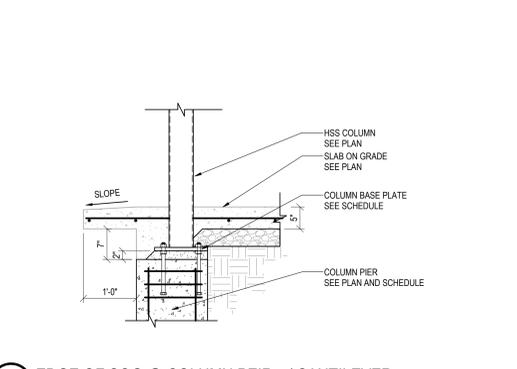
329 EDGE OF SOG W/ CANTILEVER
3/4" = 1'-0"



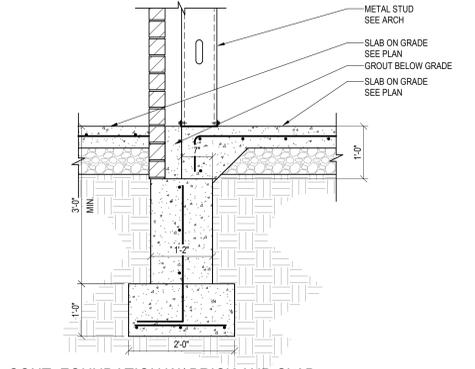
RETAINING WALL SCHEDULE

MAXIMUM RETAINED HEIGHT	FOOTING				WALL	
	A	B	C	D	LONG	TRANS.
	LONG	TRANS.	LONG	TRANS.	LONG	TRANS.
0' TO 3'-0"	12"	18"	24"	42"	(6) #4 TOP & BOT	#4 AT 10" O.C. TOP
3'-0" TO 5'-0"	16"	24"	30"	60"	(8) #6 TOP & BOT	#6 AT 12" O.C. TOP & BOT
5'-0" TO 7'-0"	16"	48"	60"	72"	(8) #6 TOP & BOT	#6 AT 12" O.C. TOP & BOT

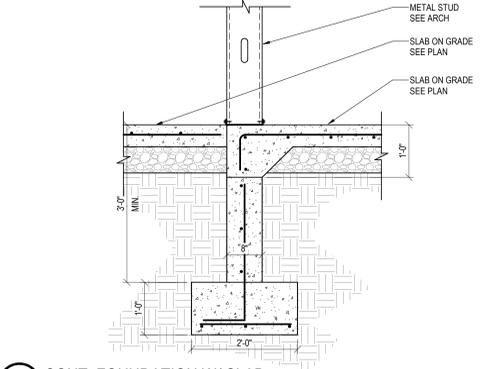
335 TYPICAL SITE RETAINING WALL DETAIL WITH SLOPED BACKFILL
3/4" = 1'-0"



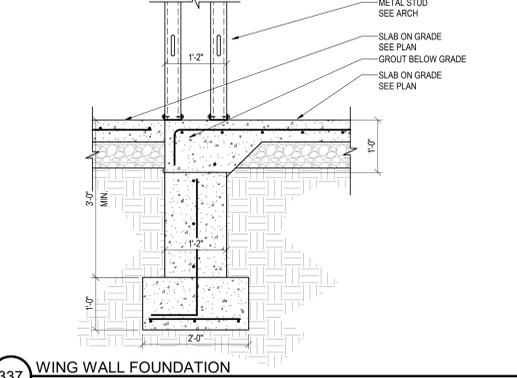
332 EDGE OF SOG @ COLUMN PIER w/ CANTILEVER
3/4" = 1'-0"



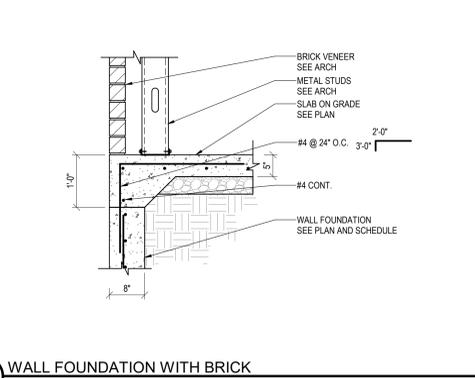
333 CONT. FOUNDATION W/ BRICK AND SLAB
3/4" = 1'-0"



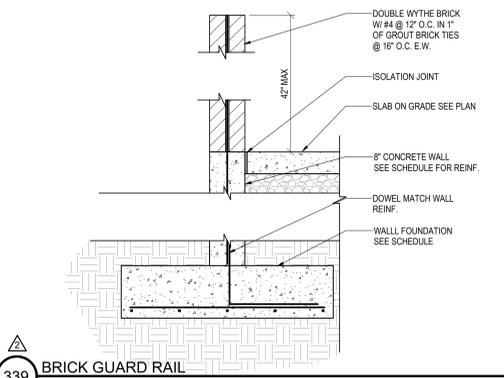
334 CONT. FOUNDATION W/ SLAB
3/4" = 1'-0"



337 WING WALL FOUNDATION
3/4" = 1'-0"



338 WALL FOUNDATION WITH BRICK
3/4" = 1'-0"



339 BRICK GUARD RAIL
3/4" = 1'-0"

ISSUE RECORD

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PROJECT NUMBER: **MODOT #22-012A-1**

FOUNDATION DETAILS 325-348

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION
1	A.J.R.	11/16/2022	ISSUED FOR BID
6	A.J.R.	12/09/2022	ADDENDUM NO. 6

ISSUED FOR BID

11/16/2022

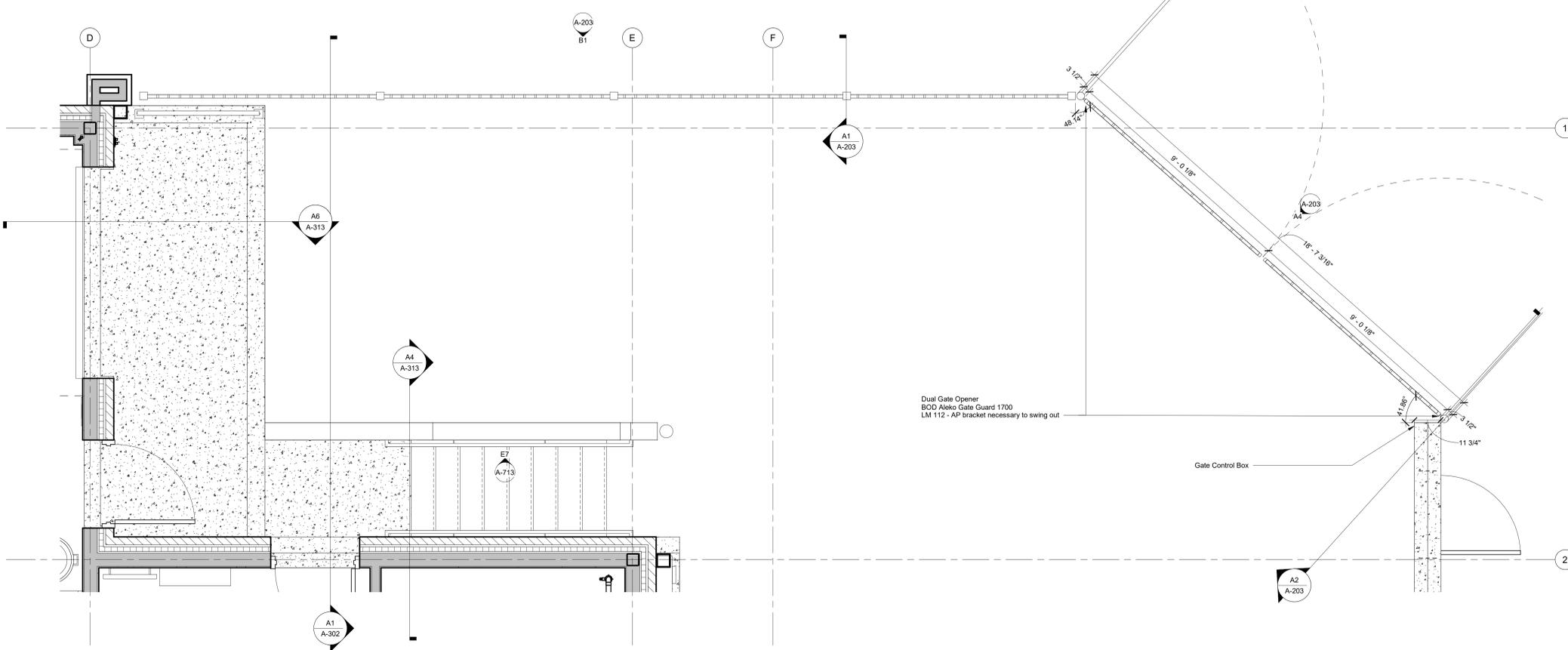
NAME REG. NO. DATE
FOR AND ON BEHALF OF JVIATION, INC.

DRAWN: JBW CHECKED: AJR APPROVED: AJR

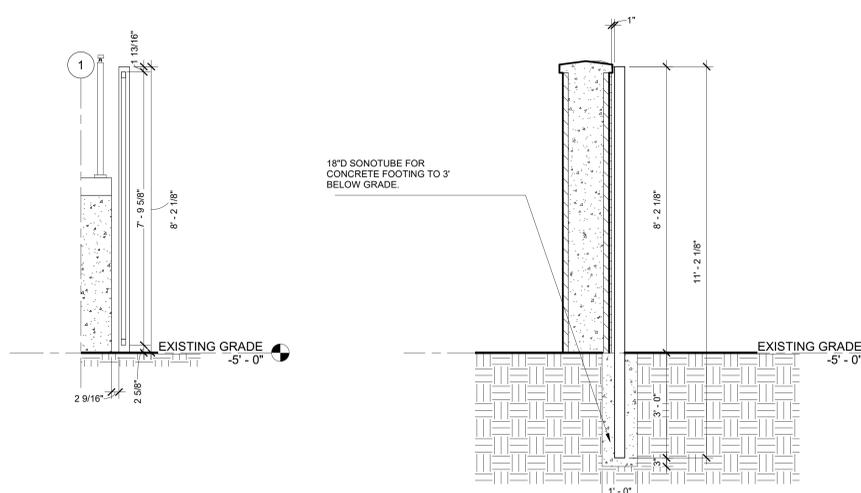
PROJECT NUMBER: MODOT #22-012A-1

FENCE & GATE DETAILS

A-203

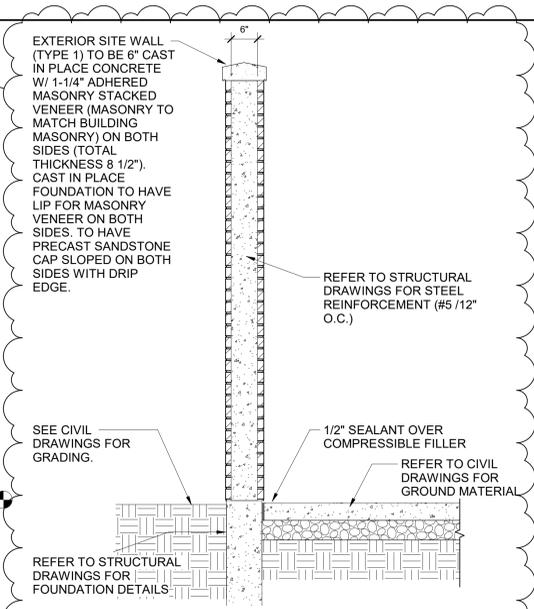


D1 ENLARGED GATE PLAN
SCALE: 1/2" = 1'-0"

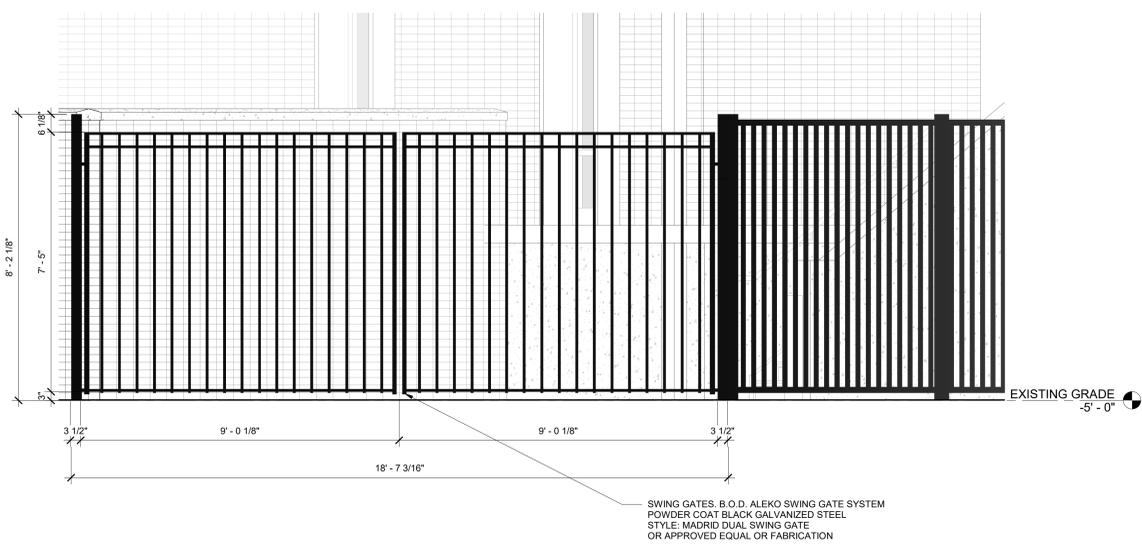


A1 ENLARGED FENCE SECTION
SCALE: 1/2" = 1'-0"

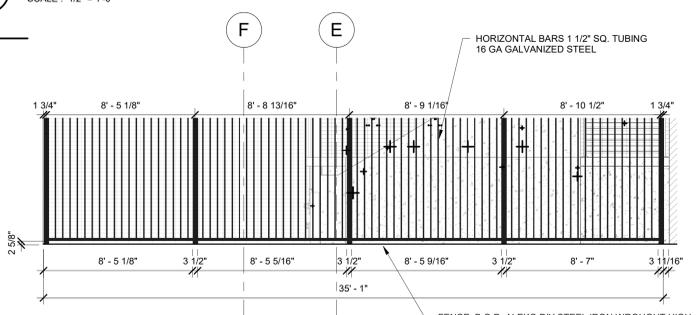
A2 ENLARGED GATE SECTION
SCALE: 1/2" = 1'-0"



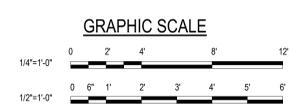
A3 SCREEN HIGH WALL SECTION
SCALE: 3/4" = 1'-0"



A4 ENLARGED GATE ELEVATION
SCALE: 1/2" = 1'-0"



B1 FENCE ELEVATION
SCALE: 1/4" = 1'-0"



BIM 360://Jviation_StJoseph Airport/STU_ADMIN BLDG_ARCH/R20.rvt
 12/09/2022 1:59:07 PM
 A-203 FENCE & GATE DETAILS