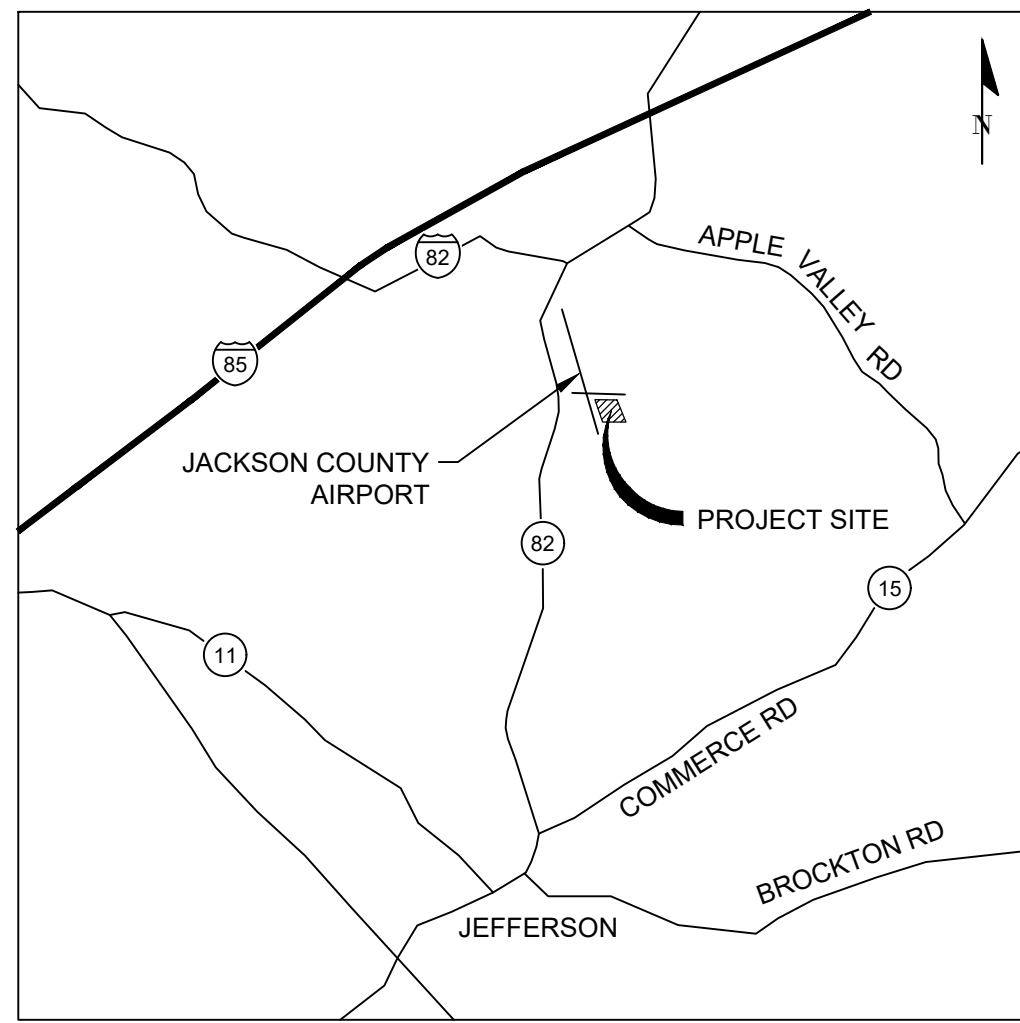


CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF JEFFERSON AND THE STATE OF GEORGIA. THE CITY OF JEFFERSON AND THE STATE OF GEORGIA MAKE NO WARRANTY, REPRESENTATION, OR GUARANTEE, EXPRESS OR IMPLIED, REGARDING THE ACCURACY OF THE INFORMATION PROVIDED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF JEFFERSON AND THE STATE OF GEORGIA.



VICINITY MAP
N.T.S.

SUMMARY OF QUANTITIES

BASE BID (TAXIWAY PAVEMENT REHAB AND RELOCATE FUEL DISPENSERS)				
ITEM NO.	FAA SPEC NO.	GDOT SPEC NO.	DESCRIPTION	UNIT QUANTITY
1	0105	-	Mobilization	LS 1
2	P-101	-	Pavement Removal	SY 8,304
3	P-101	-	Bituminous Pavement Saw Cut	LF 196
4	P-151	-	Clearing and Grubbing	AC 0.6
5	P-151	-	Remove Existing Well House, Pump, and Associated Piping	LS 1
6	P-152	-	Unclassified Excavation	CY 4,000
7	P-156	-	Construction Exit	EA 1
8	P-156	-	Check Dam, incl. installation, maintenance, removal	EA 4
9	P-156	-	Silt Fence, incl. installation, maintenance, removal	LF 1,100
10	P-156	-	Storm Drainage Inlet Protection, incl. installation, maintenance, removal	EA 2
11	P-156	-	Perforated Half-Round Pipe Retrofit, incl. installation, maintenance, removal	EA 1
12	P-156	-	Slotted Board Dam Retrofit, incl. installation, maintenance, removal	EA 1
13	P-209	-	Crushed Aggregate Base Course	CY 1,041
14	-	402	Bituminous Surface Course	TN 1,011
15	P-501	-	Portland Cement Concrete (PCC) Pavement w/ Welded Wire Fabric, 5" Thick	SY 123
16	P-602	-	Bituminous Prime Coat	GAL 613
17	P-603	-	Bituminous Tack Coat	GAL 613
18	P-620	-	Runway & Taxiway Marking, Permanent, Yellow, Reflective	SF 940
19	T-901	-	Permanent Grassing, incl. seed, lime, fertilizer, mulch	AC 1.0
20	T-905	-	Topsail Placement	CY 500
21	T-908	-	Hydraulic Mulch with Tackifier	AC 0.6
22	*	-	Relocate Fuel Dispenser	LS 1
23	L-105	-	Remove Existing Taxiway Edge Light	EA 8
24	L-105	-	Remove Counterpoise (approx. 600 LF)	LS 1
25	L-105	-	Remove 5KV Cable (approx. 600 LF)	LS 1
26	L-108	-	Counterpoise Wire	LF 592
27	L-108	-	5KV Cable, Direct Bury Installation	LF 660
28	L-125	-	L-861T Taxiway Stake Mounted Edge Light	EA 11

ADDITIVE ALTERNATE 1 (APRON PAVEMENT REHAB)				
ITEM NO.	FAA SPEC NO.	GDOT SPEC NO.	DESCRIPTION	UNIT QUANTITY
29	P-101	-	Pavement Removal	SY 3,957
30	P-101	-	Bituminous Pavement Saw Cut	LF 13
31	P-151	-	Clearing and Grubbing	AC 0.3
32	P-152	-	Unclassified Excavation	CY 3,000
33	P-156	-	Silt Fence, incl. installation, maintenance, removal	LF 500
34	P-156	-	Storm Drainage Inlet Protection, incl. installation, maintenance, removal	EA 2
35	P-209	-	Crushed Aggregate Base Course	CY 660
36	-	402	Bituminous Surface Course	TN 653
37	P-602	-	Bituminous Prime Coat	GAL 396
38	P-603	-	Bituminous Tack Coat	GAL 396
39	P-620	-	Runway & Taxiway Marking, Permanent, White, Non-Reflective	SF 60
40	T-901	-	Permanent Grassing, incl. seed, lime, fertilizer, mulch	AC 0.3
41	T-905	-	Topsail Placement	CY 60
42	T-908	-	Hydraulic Mulch with Tackifier	AC 0.3
43	*	-	Tie Down Anchor	EA 9

ADDITIVE ALTERNATE 2 (HANGAR AREA PAVEMENT REHAB)				
ITEM NO.	FAA SPEC NO.	GDOT SPEC NO.	DESCRIPTION	UNIT QUANTITY
44	P-101	-	Pavement Removal	SY 8,866
45	P-101	-	Bituminous Pavement Saw Cut	LF 239
46	P-101	-	Joint and Crack Repair	LF 6,500
47	P-151	-	Clearing and Grubbing	AC 1.2
48	P-152	-	Unclassified Excavation	CY 5,000
49	P-156	-	Silt Fence, incl. installation, maintenance, removal	LF 650
50	P-156	-	Slotted Board Dam Retrofit, incl. installation, maintenance, removal	EA 1
51	P-156	-	Curb Inlet Protection	LF 605
52	P-209	-	Crushed Aggregate Base Course	CY 1,478
53	-	402	Bituminous Surface Course	TN 1,463
54	P-602	-	Bituminous Prime Coat	GAL 887
55	P-603	-	Bituminous Tack Coat	GAL 887
56	D-702	-	Slot Drain with 1.5" Diam. Pipe	LF 235
57	D-702	-	Concrete for Backfill	CY 20
58	D-754	-	Concrete Ditch	CY 2
59	T-901	-	Permanent Grassing, incl. seed, lime, fertilizer, mulch	AC 1.2
60	T-905	-	Topsail Placement	CY 590
61	T-908	-	Hydraulic Mulch with Tackifier	AC 1.2

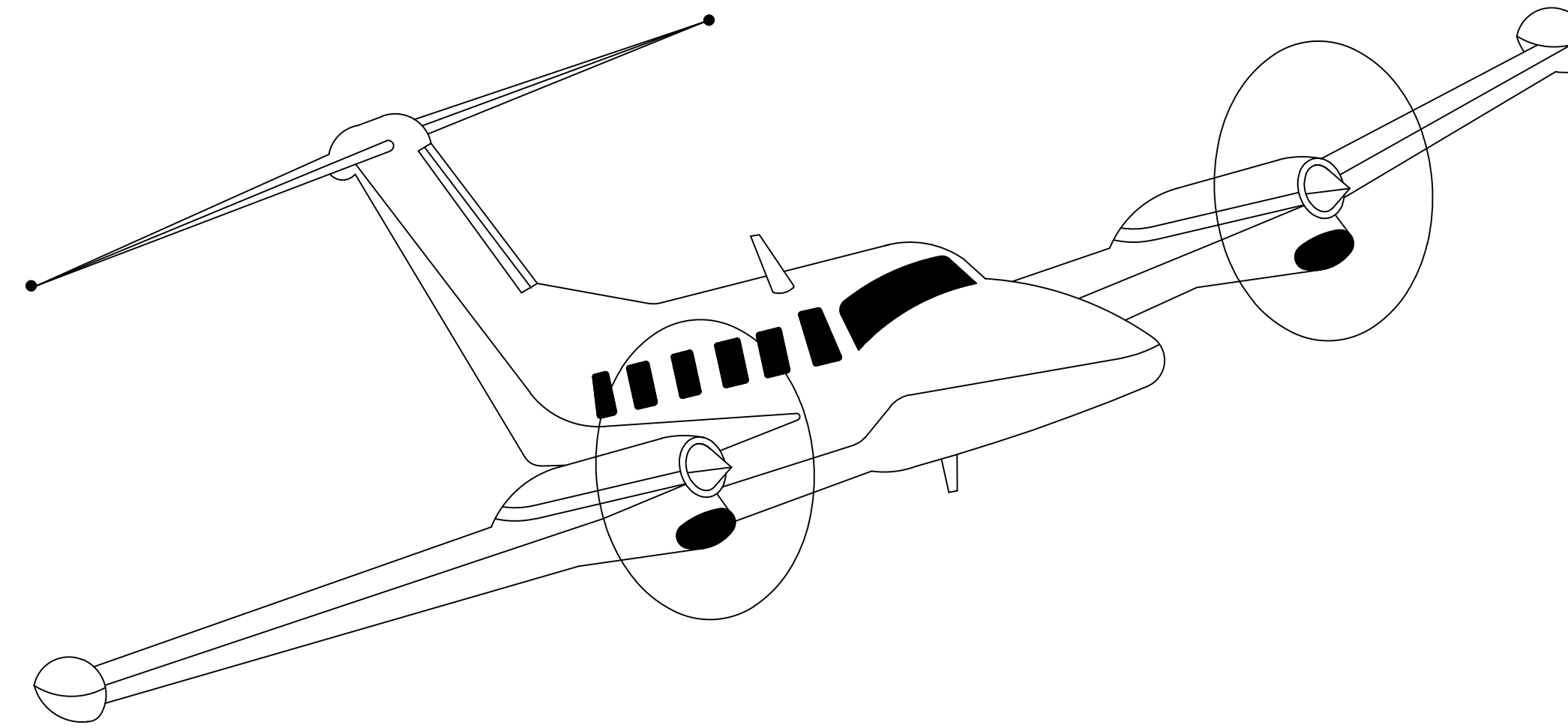
ADDITIVE ALTERNATE 3 (FIRE LINE INSTALLATION)				
ITEM NO.	FAA SPEC NO.	GDOT SPEC NO.	DESCRIPTION	UNIT QUANTITY
62	*	-	8" DIP Water Line, incl. valves, connections, water vault, meter, etc.	LS 1
63	*	-	Fire Hydrant for 8" DIP Water Line	EA 1
64	P-156	-	Silt Fence, incl. installation, maintenance, removal	LF 900
65	T-901	-	Permanent Grassing, incl. seed, lime, fertilizer, mulch	AC 0.2

★ SEE CONSTRUCTION DETAILS CONTAINED IN THIS PLAN SET

CONSTRUCTION PLANS FOR: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION

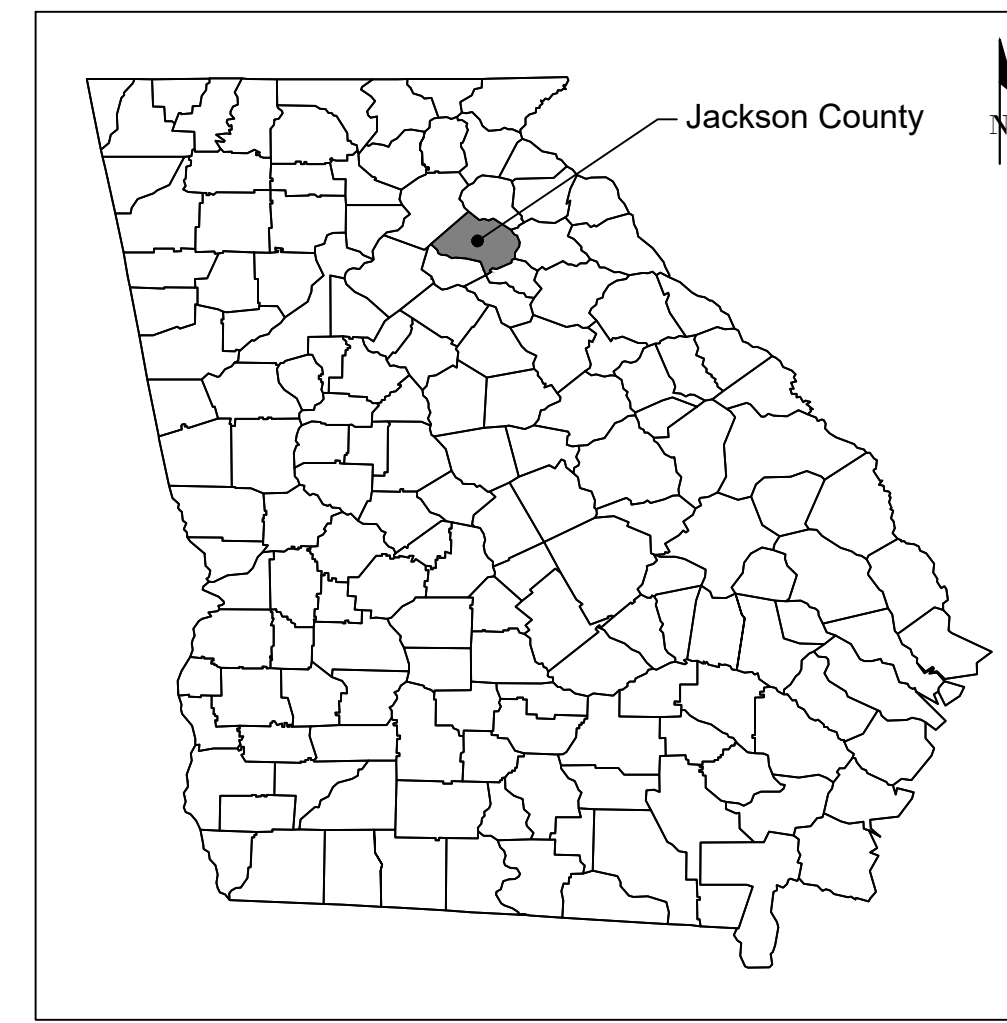
FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA MARCH 2018

**GDOT PROJECT NO. AP017-9029-25(157) JACKSON
W.K. DICKSON & CO., INC. PROJECT NO. 20170171.00.AT**



TOM STRONG AIRPORT MANAGER

500 SKY HARBOR DRIVE
JEFFERSON, GA 30549
PHONE: (706) 367-1493



LOCATION MAP
N.T.S.

NOTICE TO CONTRACTOR

1. THE CONTRACTOR SHALL FIELD VERIFY THE ONSITE T.B.M. WITH EXISTING ELEVATIONS. THE CONTRACTOR SHALL IMMEDIATELY CONTACT W.K. DICKSON & CO., INC. AT 770-955-5574 IF ANY DISCREPANCIES ARE FOUND IN ELEVATIONS SHOWN.
2. PRIOR TO CONSTRUCTION, DIGGING, OR EXCAVATION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES (PUBLIC AND/OR PRIVATE) THAT MAY EXIST AND CROSS THROUGH THE AREA(S) OF CONSTRUCTION, WHETHER INDICATED ON THE PLANS OR NOT. CALL "811" A MINIMUM OF 72 HOURS PRIOR TO DIGGING OR EXCAVATING. REPAIRS TO ANY UTILITY DAMAGED RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE
1	COVER
2	PROJECT LAYOUT AND CONSTRUCTION SAFETY PLAN
3	SAFETY AND PHASING DETAILS
4	DEMOLITION PLAN
5	LIMITS OF DISTURBANCE TABLES
6	EROSION CONTROL PLAN COVER
7	NPDES NOTES - SHEET 1
8	NPDES NOTES - SHEET 2
9	NPDES NOTES - SHEET 3
10	GAR100002 CHECKLIST
11	BMP LOCATION PLAN PHASE 1 - CLEARING & GRUBBING
12	BMP LOCATION PLAN PHASE 2 - TEMPORARY GRASSING & VEGETATION
13	BMP LOCATION PLAN PHASE 3 - PERMANENT VEGETATION & STABILIZATION
14	EROSION CONTROL DETAILS - SHEET 1
15	EROSION CONTROL DETAILS - SHEET 2
16	EROSION CONTROL DETAILS - SHEET 3
17	GRADING AND DRAINAGE PLAN
18	STORM DRAINAGE DETAILS
19	STORM DRAINAGE PROFILES
20	PAVING, MARKING, AND LAYOUT PLAN
21	FUEL DISPENSER CONCRETE PAD LAYOUT PLAN
22	PAVEMENT DETAILS
23	MARKING DETAILS
24	WATER UTILITY PLAN
25	WATER UTILITY DETAILS
26	AIRFIELD LIGHTING AND CIRCUIT PLAN
27	ELECTRICAL NOTES
28	AIRFIELD LIGHTING DETAILS
M-1	SELF SERVICE FUEL DISPENSER RELOCATION SITE LAYOUT PLAN - SHEET 1
M-2	SELF SERVICE FUEL DISPENSER RELOCATION SITE LAYOUT PLAN - SHEET 2
M-3	SELF SERVICE FUEL DISPENSER RELOCATION SITE LAYOUT PLAN - SHEET 3
M-4	SELF SERVICE FUEL DISPENSER RELOCATION SITE LAYOUT PLAN - SHEET 4
M-5	SELF SERVICE FUEL DISPENSER RELOCATION SITE LAYOUT PLAN - SHEET 5
E1	ELECTRICAL LEGEND
E2	ELECTRICAL SITE PLAN
E3	ONE LINE DIAGRAM

BID DOCUMENT - NOT FOR CONSTRUCTION

WK DICKSON
community infrastructure consultants
2120 POWERS FERRY ROAD
SUITE 100
ATLANTA, GA 30339
(770) 955-5574
(770) 955-0338
WWW.WKDICKSON.COM



REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME: **RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA**

DRAWING TITLE: **COVER**

PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: BCF
PROJ. DATE: 03/08/2018
DRAWING NUMBER:
1 OF 36
WKD PROJ. NO.:
20170171.00.AT

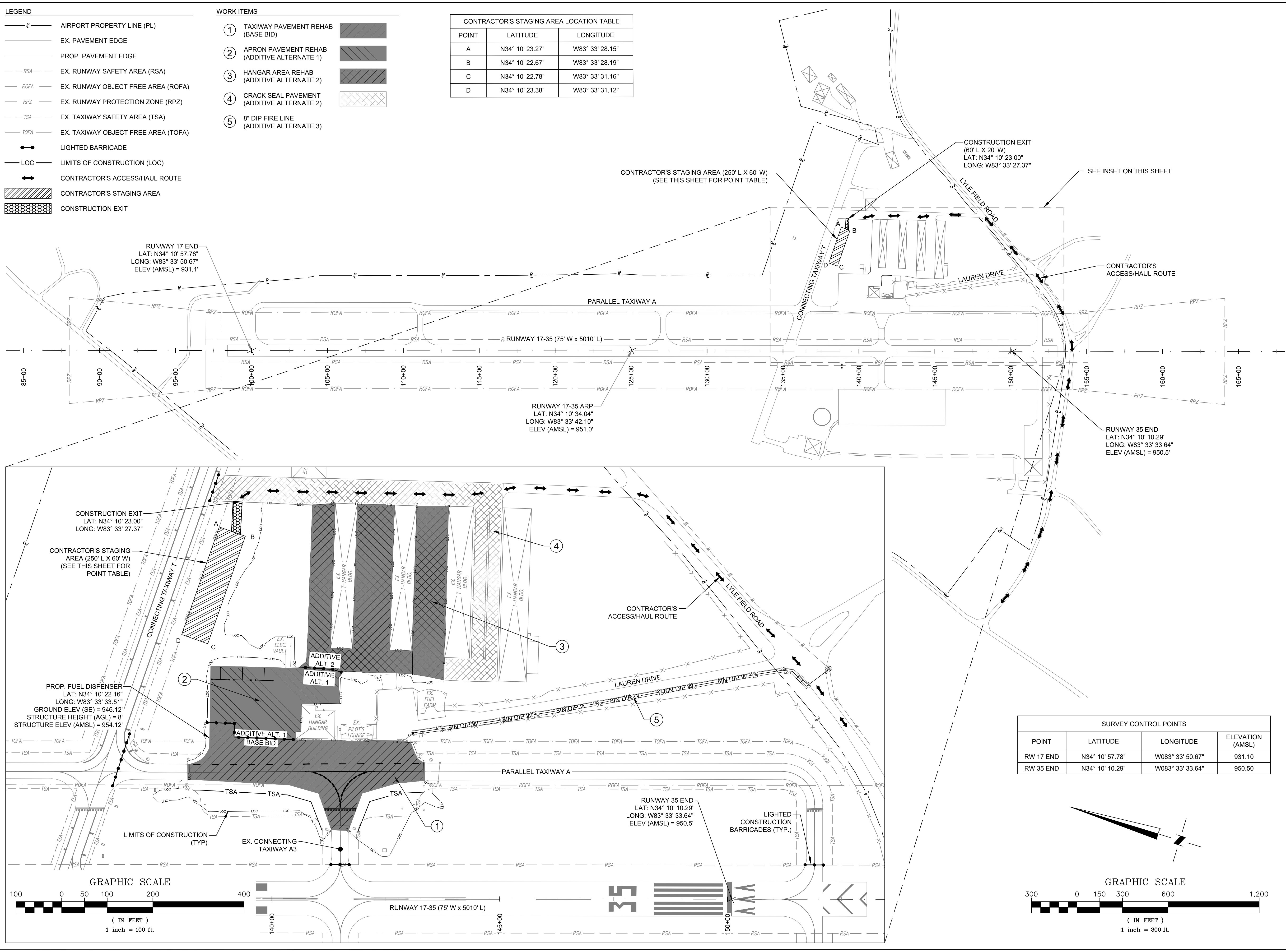
CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES.

- LEGEND**
- AIRPORT PROPERTY LINE (PL)
 - EX. PAVEMENT EDGE
 - PROP. PAVEMENT EDGE
 - RSA — EX. RUNWAY SAFETY AREA (RSA)
 - ROFA — EX. RUNWAY OBJECT FREE AREA (ROFA)
 - RPZ — EX. RUNWAY PROTECTION ZONE (RPZ)
 - TSA — EX. TAXIWAY SAFETY AREA (TSA)
 - TOFA — EX. TAXIWAY OBJECT FREE AREA (TOFA)
 - LIGHTED BARRICADE
 - LOC — LIMITS OF CONSTRUCTION (LOC)
 - ↔ CONTRACTOR'S ACCESS/HAUL ROUTE
 - ▨ CONTRACTOR'S STAGING AREA
 - ▩ CONSTRUCTION EXIT

- WORK ITEMS**
- ① TAXIWAY PAVEMENT REHAB (BASE BID)
 - ② APRON PAVEMENT REHAB (ADDITIVE ALTERNATE 1)
 - ③ HANGAR AREA REHAB (ADDITIVE ALTERNATE 2)
 - ④ CRACK SEAL PAVEMENT (ADDITIVE ALTERNATE 2)
 - ⑤ 8" DIP FIRE LINE (ADDITIVE ALTERNATE 3)

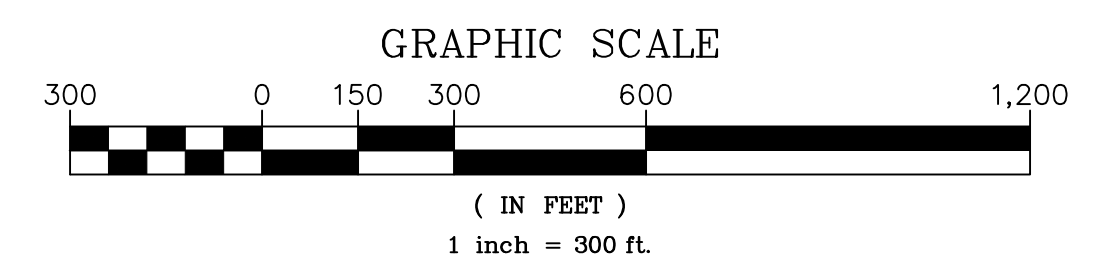
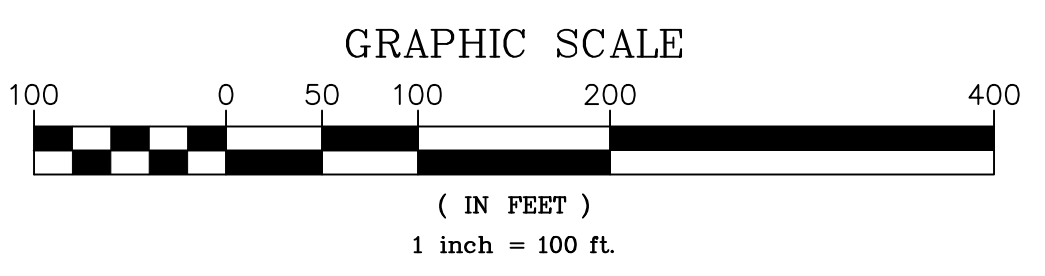
CONTRACTOR'S STAGING AREA LOCATION TABLE

POINT	LATITUDE	LONGITUDE
A	N34° 10' 23.27"	W83° 33' 28.15"
B	N34° 10' 22.67"	W83° 33' 28.19"
C	N34° 10' 22.78"	W83° 33' 31.16"
D	N34° 10' 23.38"	W83° 33' 31.12"



SURVEY CONTROL POINTS

POINT	LATITUDE	LONGITUDE	ELEVATION (AMSL)
RW 17 END	N34° 10' 57.78"	W083° 33' 50.67"	931.10
RW 35 END	N34° 10' 10.29"	W083° 33' 33.64"	950.50



community infrastructure consultants

2120 POWERS FERRY ROAD
 SUITE 100
 ATLANTA, GA 30339
 (770) 855-5574
 (770) 855-0388
 WWW.WKDICKSON.COM

PROFESSIONAL SEAL

REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
 DRAWING TITLE: PROJECT LAYOUT AND CONSTRUCTION SAFETY PLAN

PROJ. MGR.: MRJ
 DESIGN BY: BCF
 DRAWN BY: BCF
 PROJ. DATE: 03/08/2018
 DRAWING NUMBER:
2 OF 36
 WKD PROJ. NO.: 20170171.00.AT

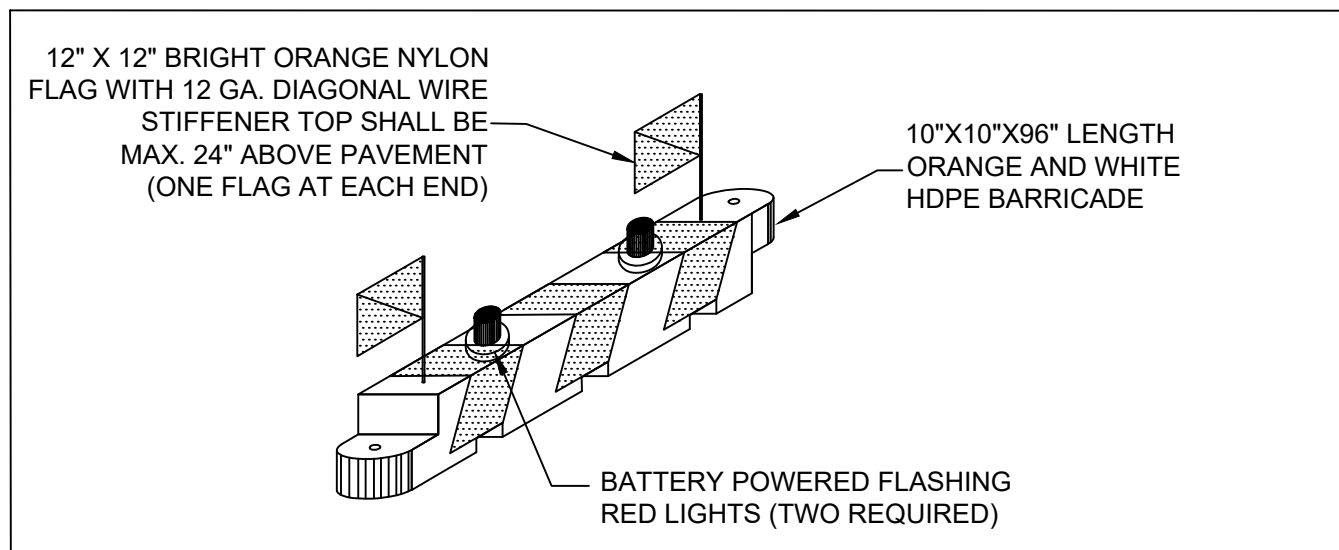
BID DOCUMENT - NOT FOR CONSTRUCTION

CONTRACTOR SHALL MAINTAIN BARRIERS AT ALL TIMES SO AS TO RESTRICT ACCESS TO THE CLOSED TAXIWAY OR TAXILANE AREAS.

- SAFETY PLAN NOTES**
- A. THE PROJECT CONSISTS OF PAVEMENT REHABILITATION OF THE EAST APRON, A PORTION OF THE PARALLEL TAXIWAY AND HANGAR AREA, CRACK SEALING THE HANGAR AREA, INSTALLATION OF A NEW FUEL DISPENSER, WATER LINE EXTENSION, AND REMOVAL OF THE WELL HOUSE. THIS PROJECT WOULD REQUIRE THE TEMPORARY CLOSURE OF PARALLEL TAXIWAY A.
 - B. THE OWNER, ENGINEER AND CONTRACTOR WILL HOLD PROGRESS MEETINGS ON A COORDINATED SCHEDULE DURING CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO ATTEND ALL COORDINATION CONFERENCES AS MAY SEEM EXPEDIENT TO THE OWNER AND/OR ENGINEER FOR THE PURPOSE OF ASSURING COORDINATION OF THE WORK COVERED BY THIS CONTRACT AND/OR SCOPE OR SCHEDULE CHANGES.
 - C. PHASING REQUIREMENTS:
 - a. ALL WORK WITHIN THE RUNWAY SAFETY AREA (RSA) SHALL BE PERFORMED WITH THE RUNWAY AND TAXIWAYS CLOSED TO AIRFIELD OPERATIONS.
 - CONTRACTOR SHALL COORDINATE WITH THE ENGINEER 48 HOURS PRIOR TO ENSURE THAT NOTAMS ARE ISSUED BY THE AIRPORT MANAGER.
 - CONTRACTOR SHALL MAINTAIN BARRIERS AT ALL TIMES SO AS TO RESTRICT ACCESS TO THE CLOSED RUNWAY AREA.
 - b. ALL WORK WITHIN THE TAXIWAY OR TAXILANE OBJECT FREE AREA (TOFA) SHALL BE PERFORMED WITH THE ASSOCIATED TAXIWAY OR TAXILANE CLOSED TO AIRFIELD OPERATIONS.
 - CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO ENSURE THAT NOTAMS ARE ISSUED BY THE AIRPORT MANAGER.
 - CONTRACTOR SHALL MAINTAIN BARRIERS AT ALL TIMES SO AS TO RESTRICT ACCESS TO THE CLOSED TAXIWAY OR TAXILANE AREAS.
 - c. EQUIPMENT SHALL BE MAXIMUM 20 FEET HIGH, EXCEPT WITH APPROVAL OF THE ENGINEER.
 - D. AREAS AFFECTED BY THE CONSTRUCTION WILL BE THE RUNWAY AND TAXIWAY OFA DURING PHASE I SEALING OF THE PARALLEL TAXIWAY AND TAXIWAY OFA OF TAXIWAY T DURING THE PHASE II CRACK SEALING OF THE HANGAR AREA.
 - E. NAVAIDS WILL BE AFFECTED DURING THIS PROJECT. DURING THE PARALLEL TAXIWAY CLOSURE, TAXIWAY EDGE LIGHTING SHALL BE OBTAINED OR DISABLED.
 - F. DURING TAXIWAY CLOSURES DELINEATE CLOSED AREAS WITH BARRIERS. SEE PHASING PLAN FOR LOCATION OF BARRIERS. SEE BARRIER DETAIL AND NOTES ON THIS SHEET.
 - G. THE CONTRACTOR WILL PROVIDE SECURITY WITHIN THE CONSTRUCTION AREA AND WILL KEEP ALL UNAUTHORIZED PERSONNEL OUT OF CONSTRUCTION AREA. ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT THE PROJECT AREA THROUGH THE CONSTRUCTION ENTRANCE/EXIT SHOWN ON THIS PLAN. CONTRACTOR WILL BE RESPONSIBLE FOR SECURITY OF ALL ENTRANCES/EXIT DURING CONSTRUCTION. STOCKPILED MATERIALS AND EQUIPMENT STORAGE SHALL ONLY BE PERMITTED WITHIN THE CONTRACTORS STAGING AREA.
 - H. THE CONTRACTOR WILL OBTAIN, HAVE KNOWLEDGE OF, AND INCORPORATE THE FOLLOWING SAFETY PROVISIONS INTO THE CONSTRUCTION PROJECT:
 - OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION AC150/5370-2G.
 - AIRCRAFT RESCUE AND FIRE FIGHTING COMMUNICATIONS AC 150/5210-7D.
 - AIRPORT SAFETY SELF-INSPECTION AC150/5200-18C.
 - PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT AC 150/5210-5D.
 - THE FEDERAL AVIATION ADMINISTRATION WEBSITE FOR ADVISORY CIRCULARS IS: "WWW.AIRWEB.FAA.GOV"
 - I. THE CONTRACTOR'S STAGING AREA IS SHOWN GENERALLY ON THE PLANS. THE ACTUAL SIZE AND LOCATION WILL BE DETERMINED AT THE PRE-CONSTRUCTION CONFERENCE. THE SITE SHALL BE USED FOR THE CONTRACTOR'S FIELD OFFICE, AS A SITE FOR PARKING CONSTRUCTION EQUIPMENT, AND IN GENERAL AS A BASE OF OPERATIONS FOR THE CONTRACTOR.
 - J. CONTRACTOR SHALL CONFINE HIS ACTIVITIES TO THE ACCESS ROUTE, THE HAUL ROUTE, THE STAGING AREA, AND CONSTRUCTION AREA, AND WILL NOT PERMIT HIS EMPLOYEES OR EQUIPMENT TO ENTER OR CROSS ANY PORTION OF THE AIRPORT OPERATIONS AREA (RUNWAY, TAXIWAY, APRONS) AND SHALL NOT PERFORM ANY CONSTRUCTION WITHIN THIS AREA WITHOUT PRIOR PERMISSION FROM DESIGNATED AIRPORT REPRESENTATIVE.
 - K. DURING NON-CONSTRUCTION PERIODS AND HOURS OF DARKNESS, THE CONTRACTOR SHALL RETURN ALL CONSTRUCTION EQUIPMENT TO THE STAGING AREA.
 - L. CONTRACTOR SHALL MONITOR RADIO COMMUNICATIONS WITH UNICOM (122.80 Mhz) AT ALL TIMES DURING CONSTRUCTION IN THE AIRPORT OPERATIONS AREA (AOA). THE CONTRACTOR WILL HAVE A WORKING RADIO ON SITE AT ALL TIMES DURING CONSTRUCTION AND SHALL ASSIGN RESPONSIBLE PERSONNEL TO CONTINUOUSLY MONITOR THE UNICOM FREQUENCY.
 - M. CONTRACTOR SHALL PROVIDE RADIO COMMUNICATION TRAINING FOR VEHICLE DRIVERS ENGAGED IN CONSTRUCTION ACTIVITIES AROUND AIRCRAFT MOVEMENT AREAS.
 - N. ALL CONSTRUCTION VEHICLES TRAVERSING ANY PORTION OF THE AOA, MUST BE PROVIDED WITH A FLAG ON A STAFF ATTACHED TO THE VEHICLE SO THAT THE FLAG WILL BE READILY VISIBLE. THE FLAG MUST BE AT LEAST 3 FOOT BY 3 FOOT SQUARE HAVING A CHECKERED PATTERN OF INTERNATIONAL ORANGE AND WHITE SQUARES AT LEAST 1 FOOT ON EACH SIDE. THE STANDARD FOR IDENTIFICATION LIGHTING FOR VEHICLES OPERATING IN THE AOA IS A YELLOW FLASHING LIGHT THAT IS MOUNTED ON THE UPPERMOST PART OF THE VEHICLE STRUCTURE. A STEADY YELLOW LIGHT DESIGNATES VEHICLES LIMITED TO NON-MOVEMENT AREAS.
 - O. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND IDENTIFICATION OF ALL EXISTING UTILITIES AND PIPELINES IN THE CONSTRUCTION AREA. REPAIRS TO EXISTING UTILITIES OR PIPELINES (ON OR OFF AIRPORT PROPERTY) DAMAGED BY CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO REIMBURSEMENT WILL BE ALLOWED FOR UTILITIES/PIPELINE REPAIR OR REPLACEMENT. NO WATER LINES OR FIRE HYDRANTS WILL BE DEACTIVATED DURING CONSTRUCTION. IF DURING CONSTRUCTION, FIRE HYDRANTS ARE DEACTIVATED ACCIDENTALLY OR EMERGENCY ACCESS IS BLOCKED, THE PROCEDURE FOR NOTIFYING ARFF PERSONNEL WILL BE ACCORDING TO THE AIRPORT'S EMERGENCY RESPONSE MANUAL.
 - P. CONTRACTOR SHALL OBTAIN A COPY OF THE AIRPORT'S EMERGENCY RESPONSE MANUAL AND EMERGENCY TELEPHONE DIRECTORY FOR NOTIFYING FACILITIES, AGENCIES AND PERSONNEL WHO HAVE
 - Q. RESPONSIBILITIES WITHIN THIS PLAN, CONTRACTOR SHALL ENSURE THAT AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) RIGHT OF WAY ON ACCESS AND HAUL ROADS IS NOT IMPEDED AT ANY TIME AND THAT CONSTRUCTION TRAFFIC DOES NOT INTERFERE WITH NAVAIDS OR APPROACH SURFACE OF THE OPERATIONAL RUNWAY.
 - R. CONSTRUCTION CONTRACTOR SHALL CONTROL AND CONTINUOUSLY REMOVE WASTE OR LOOSE MATERIALS THAT MIGHT ATTRACT WILDLIFE.
 - S. CONTRACTOR MUST NOT LEAVE OR PLACE FOREIGN OBJECT DEBRIS (FOD) ON OR NEAR ACTIVE CRAFT MOVEMENT AREAS (AIRPORT OPERATIONS AREA). MATERIALS TRACKED ONTO THESE AREAS MUST BE CONTINUOUSLY REMOVED DURING THE CONSTRUCTION PROJECT.

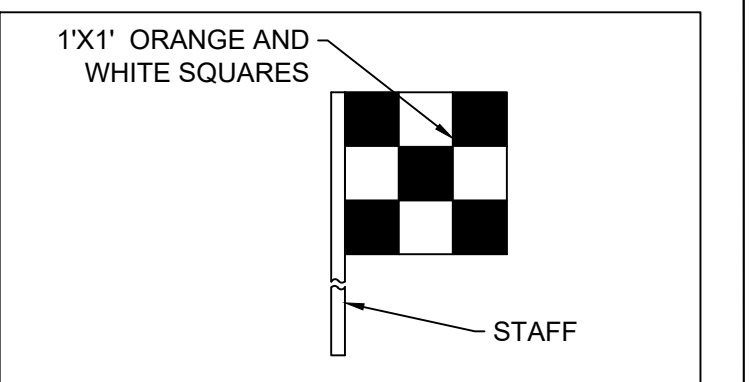
- SAFETY PLAN NOTES (CONTINUED)**
- T. THE CONTRACTOR WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORMWATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORMWATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATION ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORMWATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.
 - U. NOTICE TO AIRMEN (NOTAMS) - THE CONTRACTOR SHALL FURNISH THE OWNER'S REPRESENTATIVE WITH THE NECESSARY INFORMATION ON CONSTRUCTION CONDITIONS (TAXIWAY CLOSURES, TIE-INS, WORK WITHIN AIRPORT OPERATIONS AREA, ETC.) SO THAT NOTAMS CAN BE ISSUED BY FAA FLIGHT SERVICE IN ACCORDANCE WITH ESTABLISHED CRITERIA. THE OWNERS REPRESENTATIVE WILL BE NAMED AT THE PRE-CONSTRUCTION CONFERENCE.
 - V. SELF INSPECTION IS A PRIMARY RESPONSIBILITY OF THE AIRPORT OWNER, OPERATOR, OR A DULY AUTHORIZED REPRESENTATIVE. PRIMARY ATTENTION SHOULD BE GIVEN TO SUCH OPERATIONAL ITEMS AS PAVEMENT AREAS, SAFETY AREAS, MARKINGS, SIGNS, LIGHTING, ARFF, FUELING OPERATIONS, NAVIGATIONAL AIDS, SAFETY AREAS, GROUND VEHICLES, OBSTRUCTIONS, PUBLIC PROTECTION, WILDLIFE HAZARD MANAGEMENT, CONSTRUCTION, AND SNOW AND ICE CONTROL. FOR DETAILED INSPECTION TECHNIQUES SEE AIRPORT SAFETY SELF-INSPECTION AC150/5200-18C.
 - W. CONTRACTOR SHALL LOCATE AND PROTECT EXISTING RUNWAY AND TAXIWAY LIGHTS, AND ALL OTHER AIRFIELD EQUIPMENT, IN THE CONSTRUCTION AREA. CONTRACTOR SHALL REPAIR OR REPLACE LIGHTS OR EQUIPMENT DAMAGED BY CONSTRUCTION OPERATIONS UNDER SUPERVISION OF THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
 - X. CONTRACTOR SHALL OBTAIN OFF-DUTY CONTACT INFORMATION OF ALL INVOLVED PARTIES IN THE CONSTRUCTION-RELATED ACTIVITIES. IN THE EVENT THAT UNANTICIPATED UTILITY OUTAGE OR CABLE CUT OCCURS THAT IMPACTS FAA NAVAIDS.
 - Y. CONTRACTOR SHALL BE AWARE OF PENALTY PROVISIONS FOR NONCOMPLIANCE WITH AIRPORT RULES AND REGULATIONS AND THE SAFETY PLAN.
 - Z. CONTRACTOR SHALL BE AWARE OF ANY SPECIAL CONDITIONS THAT AFFECT THE OPERATION OF THE AIRPORT AND WILL REQUIRE A PORTION OF THE SAFETY PLAN TO BE ACTIVATED.

- GENERAL NOTES**
1. ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT THE PROJECT AREA THROUGH THE CONSTRUCTION ENTRANCE/EXIT SHOWN ON THIS PLAN. CONTRACTOR WILL BE RESPONSIBLE FOR SECURITY OF ALL ENTRANCES DURING CONSTRUCTION. STOCKPILED MATERIALS AND EQUIPMENT STORAGE ARE NOT PERMITTED WITHIN THE RSA AND/OR ROFZ OF AN OPERATIONAL RUNWAY.
 2. EXISTING ROADS USED AS PART OF THE ACCESS ROUTE WILL BE RESTORED TO THEIR PRE-CONSTRUCTION CONDITION AFTER COMPLETION OF THE PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE DAILY CLEAN UP OF ALL DEBRIS THAT MAY BE ON THE ACCESS ROUTE. DEBRIS IN THE AIRPORT OPERATIONS AREA MUST BE CLEANED UP IMMEDIATELY TO ACCOMMODATE SAFE AIRCRAFT OPERATING CONDITIONS. ONLY LICENSED OVER-THE-ROAD TRUCKS MAY BE USED ON PUBLIC ROADS. OFF-ROAD EQUIPMENT MAY BE USED ON THE PROJECT SITE, BUT NOT ON PUBLIC ROADWAYS.
 3. ALL NON-PAVED AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS INCLUDING HAUL ROUTES AND STAGING AREAS SHALL RECEIVE PERMANENT SEEDINGS AND MULCH IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, 2016 EDITION.
 4. BURNING WILL NOT BE ALLOWED ON AIRPORT PROPERTY OR WITHIN FIVE (5) MILES OF THE AIRPORT.
 5. THE CONTRACTOR IS REQUIRED TO FOLLOW THE CONSTRUCTION SAFETY AND PHASING PLAN, THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) AND THE SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) MUST BE SUBMITTED AND APPROVED BY FAA VIA THE OE/AAA SUBMITTAL WEBSITE PRIOR TO START OF CONSTRUCTION.
 6. THIS PROJECT UTILIZES NAD 83 GEORGIA STATE PLANE-WEST ZONE COORDINATES. EXISTING NAILS LOCATED ON RUNWAY 17-35 ENDS SHALL SERVE AS SURVEY CONTROL POINTS. ELEVATIONS ARE BASED ON NAVD 88.
 7. ALL CONSTRUCTION STAKING STATION LABELS AS SHOWN IN THIS PLAN SET ARE REFERENCED PER CONSTRUCTION BASELINE STATIONING. THE CONSTRUCTION BASELINE FOR THIS PROJECT IS THE RUNWAY 17-35 CENTERLINE.
 8. SEE SHEET 14 FOR CONSTRUCTION EXIT DETAILS.



- BARRICADE NOTES:**
1. TYPICAL BARRICADE TO BE PLACED ALONG THE LIMITS OF THE PHASES OF WORK, AS SHOWN IN THESE PLANS, TO DELINEATE THE CONTRACTOR'S WORK AREAS.
 2. BARRICADE SECTIONS SHALL BE WHITE WITH ORANGE STRIPES.
 3. ALL BARRICADES SHALL BE CHECKED VISUALLY FOR SIGNS OF WEAR AND TEAR ON A WEEKLY BASIS AND REPLACED AS NEEDED.
 4. ALL LIGHT FIXTURES SHALL BE VERIFIED OPERATIONAL BY CONTRACTOR DAILY.
 5. COST OF INSTALLATION AND MAINTENANCE OF BARRICADES SHALL BE INCLUDED IN 0105 MOBILIZATION.
 6. BARRICADES SHALL BE PLACED NO MORE THAN 4' APART.
 7. BARRICADES IN MOVEMENT AREAS SHALL MEET THE REQUIREMENTS OF AC 150/5370-2F PARA. 3-9b.

LIGHTED CONSTRUCTION BARRICADE DETAIL
NOT TO SCALE



- VEHICLE FLAG**
NOT TO SCALE
- NOTES:**
1. ALL VEHICLES WILL BE PROVIDED WITH A FLAG ON A STAFF ATTACHED TO THE VEHICLE SO THE FLAG WILL BE READILY VISIBLE.
 2. THE FLAG WILL BE A MIN OF 3 FOOT SQUARE WITH A CHECKERED PATTERN OF INTERNATIONAL ORANGE AND WHITE AT LEAST 1 FOOT ON EACH SIDE.

WK DICKSON
community infrastructure consultants

2120 POWERS FERRY ROAD
SUITE 100
ATLANTA, GA 30399
(1) 770-855-5574
(1) 770-855-0338
WWW.WKDICKSON.COM

PROFESSIONAL SEAL

REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA

DRAWING TITLE: SAFETY AND PHASING DETAILS

PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: BCF
PROJ. DATE: 03/08/2018
DRAWING NUMBER:

3 OF 36

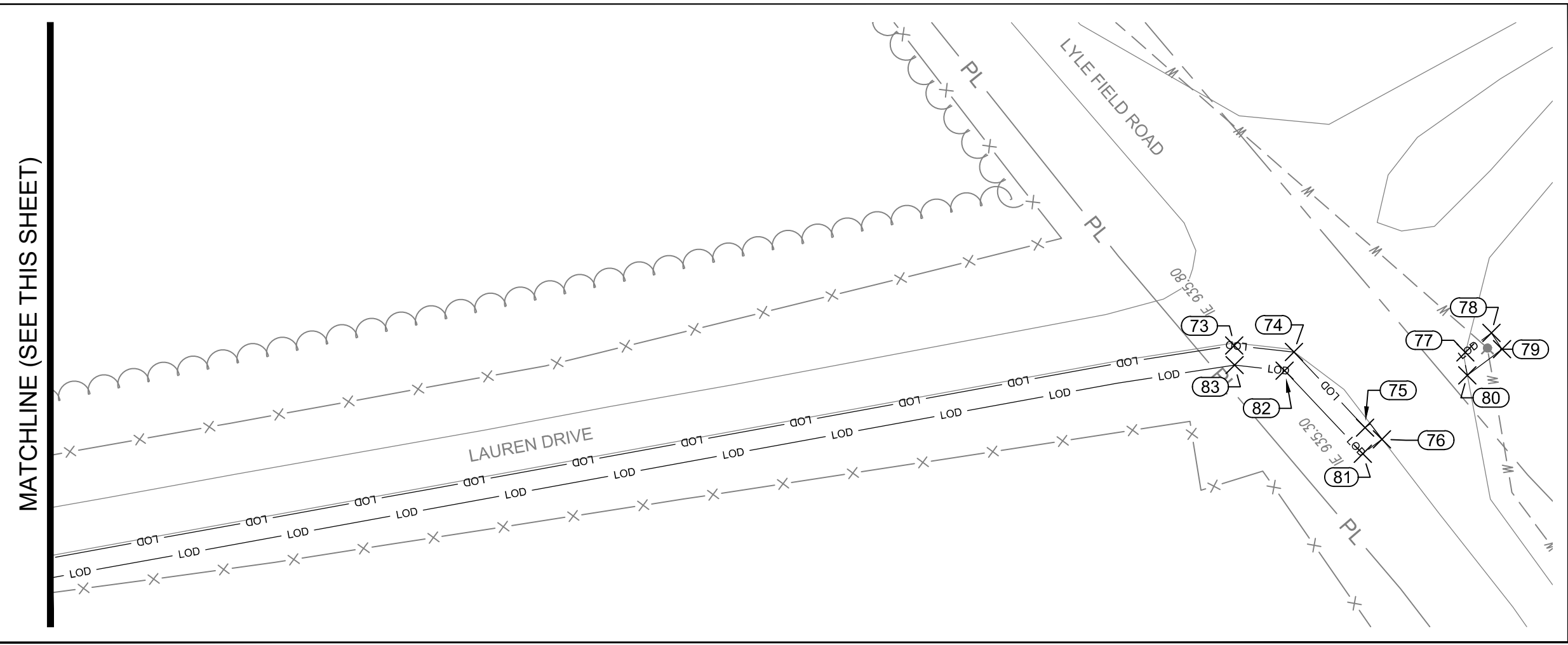
WKD PROJ. NO.: 20170171.00.AT

BID DOCUMENT - NOT FOR CONSTRUCTION

FILE PATH: J:\Projects\Jackson County (20170171)00.AT - Work\03-08-2018\Improvements\Design\20170171-03-PPF_PAVESF.dwg, BPPERMATCH, 03/08/18 10:35:24 AM

COPYRIGHT © WK DICKSON & CO., INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENT OF THIS DOCUMENT, ADDITIONAL OR OTHERWISE, WITHOUT THE WRITTEN PERMISSION OF WK DICKSON & CO., INC. SHALL BE CONSIDERED TO BE VIOLATION OF THE COPYRIGHT.

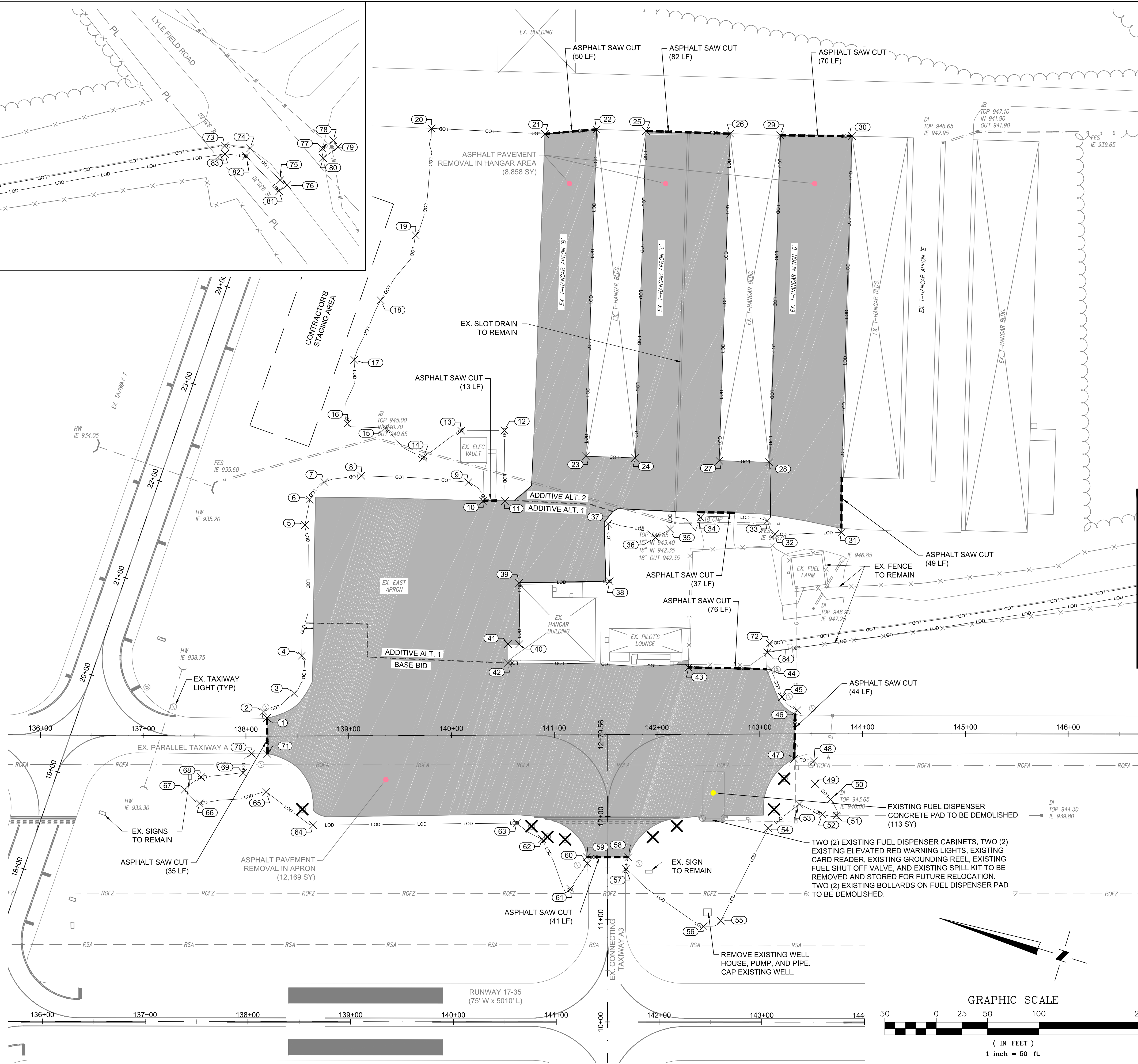
MATCHLINE (SEE THIS SHEET)



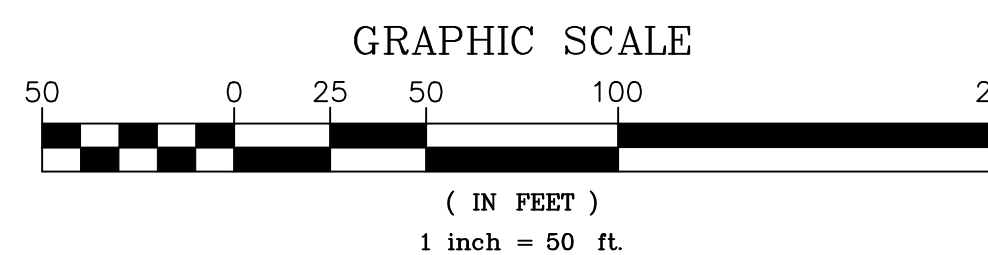
- LEGEND**
- EX. PAVEMENT EDGE
 - - - RSA - - - EX. RUNWAY SAFETY AREA (RSA)
 - - - ROFA - - - EX. RUNWAY OBJECT FREE AREA (ROFA)
 - X - X - EX. FENCE
 - EX. BUILDING
 - - - EX. STORM PIPE
 - ~ EX. TREE LINE
 - - - LOD - - - LIMITS OF DISTURBANCE
 - EX. MEDIUM INTENSITY TAXIWAY LIGHT (MITL)
 - EX. MEDIUM INTENSITY TAXIWAY LIGHT (MITL) TO BE REMOVED

DEMOLITION AND CLEARING NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND IDENTIFICATION OF ALL EXISTING UTILITIES AND PIPELINES IN THE CONSTRUCTION AREA PRIOR TO THE START OF CONSTRUCTION. REPAIRS TO EXISTING UTILITIES OR PIPELINES (ON OR OFF AIRPORT PROPERTY) DAMAGED BY CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO REIMBURSEMENT WILL BE ALLOWED FOR UTILITIES/PIPELINE REPAIR OR REPLACEMENT. NO WATER LINES OR FIRE HYDRANTS WILL BE DEACTIVATED DURING CONSTRUCTION. IF DURING CONSTRUCTION, FIRE HYDRANTS ARE DEACTIVATED ACCIDENTALLY OR EMERGENCY ACCESS IS BLOCKED THE PROCEDURE FOR NOTIFYING ARFF PERSONNEL WILL BE ACCORDING TO THE AIRPORT'S EMERGENCY RESPONSE MANUAL.
2. CONTRACTOR SHALL REMOVE DESIGNATED STRUCTURES AS SHOWN WITHIN THESE PLANS AND DISPOSE OF AT NO ADDITIONAL COST TO THE OWNER.
3. ITEMS TO BE REMOVED THAT ARE NOT INDICATED BY A SEPARATE PAY ITEM IN THE SCHEDULE OF WORK SHALL NOT BE MEASURED OR PAID FOR SEPARATELY.
4. ALL MATERIAL TO BE REMOVED (INCLUDING GRAVEL AND SOIL DEBRIS) SHALL BE HAULED OFF TO A DESIGNATED OFF-SITE FACILITY.
5. THE CONSTRUCTION ACTIVITY AREA AS SHOWN SHALL BE STRIPPED OF ALL VEGETATION, TOPSOIL, AND ROOT SYSTEMS.
6. THE EXISTING SOILS ON-SITE CONSIST OF SAND CLAY STRATA THAT WILL LOSE STRENGTH AND DEGRADE RAPIDLY UNDER CONSTRUCTION TRAFFIC AND REPETITIVE CONSTRUCTION OPERATIONS WHEN WORKED DURING WET PERIODS. CONTRACTOR TO INSURE POSITIVE DRAINAGE RUNOFF TO PREVENT THE PONDING OF STORM WATER ON-SITE FOR THE ENTIRE DURATION OF CONSTRUCTION ACTIVITY.
7. SEE SHEET 5 FOR LIMITS OF DISTURBANCE COORDINATE LOCATION TABLE.
8. A SITE SURVEY WAS PERFORMED ON AUGUST 12, 2017 BY WOOD BROTHERS LAND SURVEYORS, INC.



MATCHLINE (SEE THIS SHEET)



2120 POWERS FERRY ROAD
SUITE 100
ATLANTA, GA 30339
(770) 955-5574
(770) 955-0338
WWW.WKDICKSON.COM

PROFESSIONAL SEAL

REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
DRAWING TITLE: DEMOLITION PLAN

PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: VALUE
PROJ. DATE: 03/08/2018
DRAWING NUMBER:
4 OF 36
WKD PROJ. NO.: 20170171.00.AT

BID DOCUMENT - NOT FOR CONSTRUCTION

FILE PATH: J:\Projects\2017\20170171\20170171_001_001.dwg

COPYRIGHT © WK DICKSON & CO., INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENTS OF THIS DOCUMENT ADDITIONAL TO THAT AUTHORIZED BY WK DICKSON & CO., INC. WITHOUT THE WRITTEN PERMISSION OF WK DICKSON & CO., INC. IS PROHIBITED. PRINTED COPY FROM THE ORIGINAL OF THIS DOCUMENT FOR THE PURPOSE OF RECORDING. ANY PHOTOCOPYING, REPRODUCING, OR ANY INFORMATION STORED IN A RETRIEVING SYSTEM SHALL BE CONSIDERED TO BE A VIOLATION.



2120 POWERS FERRY ROAD
SUITE 100
ATLANTA, GA 30339
(770) 955-5574
(770) 955-0338
WWW.WKDICKSON.COM



PROFESSIONAL SEAL

NO.	DATE	REVISION RECORD	DESCRIPTION

LIMITS OF DISTURBANCE COORDINATE TABLE

ID	NORTHING	EASTING	STATION	OFFSET & SIDE
1	1518525.05	2480219.75	138+18.24	295.50' L
2	1518530.02	2480224.46	138+11.15	306.51' L
3	1518506.73	2480250.40	138+48.12	367.82' L
4	1518510.40	2480287.46	138+47.19	483.88' L
5	1518544.61	2480410.13	138+41.52	518.39' L
6	1518547.29	2480435.23	138+41.52	518.39' L
7	1518538.67	2480455.70	138+54.92	540.08' L
8	1518506.20	2480472.01	138+77.47	526.32' L
9	1518404.80	2480496.44	139+46.61	560.30' L
10	1518385.75	2480483.44	139+35.48	575.17' L
11	1518365.30	2480489.56	138+95.86	581.62' L
12	1518385.91	2480554.83	138+99.75	637.92' L
13	1518425.99	2480542.38	139+24.48	698.67' L
14	1518453.61	2480506.39	139+58.97	768.60' L
15	1518497.26	2480523.45	139+73.62	858.39' L
16	1518533.89	2480516.94	139+81.71	871.60' L
17	1518545.75	2480577.97	139+81.71	871.60' L
18	1518538.16	2480640.89	139+81.71	871.60' L
19	1518523.99	2480711.32	139+81.71	871.60' L
20	1518539.62	2480815.26	139+81.71	871.60' L
21	1518432.61	2480842.38	140+88.18	864.13' L
22	1518385.80	2480861.28	141+38.47	868.56' L
23	1518302.69	2480554.06	141+28.41	550.45' L
24	1518256.35	2480566.57	141+76.38	548.91' L
25	1518339.27	2480873.84	141+86.65	867.00' L
26	1518260.26	2480895.33	142+68.48	864.52' L
27	1518177.45	2480587.91	142+58.07	546.31' L
28	1518130.44	2480600.57	143+06.73	544.72' L
29	1518213.26	2480907.99	143+17.14	862.93' L
30	1518146.12	2480927.71	143+87.11	862.22' L
31	1518043.40	2480555.95	143+81.44	475.67' L
32	1518104.71	2480535.25	143+15.74	473.03' L
33	1518115.49	2480545.57	143+01.79	487.81' L
34	1518178.84	2480529.85	142+39.82	491.18' L
35	1518203.58	2480509.94	142+10.34	479.35' L
36	1518214.82	2480498.33	141+73.09	458.97' L
37	1518262.65	2480497.50	141+73.09	458.97' L
38	1518245.06	2480444.54	141+48.71	423.89' L

LIMITS OF DISTURBANCE COORDINATE TABLE

ID	NORTHING	EASTING	STATION	OFFSET & SIDE
39	1518328.97	2480417.34	140+64.10	425.31' L
40	1518311.26	2480360.21	140+63.69	367.52' L
41	1518321.73	2480357.10	140+52.76	367.60' L
42	1518316.10	2480339.65	140+53.07	349.26' L
43	1518147.08	2480386.72	142+28.47	345.01' L
44	1518069.79	2480408.27	143+04.29	343.32' L
45	1518051.79	2480385.90	143+36.60	329.73' L
46	1518033.90	2480377.70	143+32.25	299.85' L
47	1518022.86	2480331.79	143+31.27	256.26' L
48	1518003.81	2480335.05	143+65.63	258.32' L
49	1517996.30	2480314.40	143+75.88	242.25' L
50	1517977.37	2480304.34	143+47.18	240.46' L
51	1517967.45	2480291.26	143+26.61	228.66' L
52	1517980.89	2480287.99	143+26.61	228.66' L
53	1518005.12	2480291.13	143+19.15	201.29' L
54	1518027.31	2480259.91	142+97.58	162.99' L
55	1518045.10	2480160.29	142+75.45	129.42' L
56	1518059.49	2480150.20	142+13.59	114.30' L
57	1518148.19	2480181.64	141+70.80	124.37' L
58	1518149.14	2480193.09	141+70.05	160.39' L
59	1518188.02	2480181.28	141+29.42	160.44' L
60	1518185.56	2480175.68	141+28.19	142.21' L
61	1518194.32	2480147.23	140+94.64	153.60' L
62	1518234.53	2480185.15	140+65.08	146.90' L
63	1518262.78	2480193.13	140+06.03	172.03' L
64	1518451.59	2480133.14	139+63.76	174.54' L
65	1518504.61	2480150.77	139+29.61	191.86' L
66	1518563.15	2480121.16	138+46.45	199.52' L
67	1518581.07	2480129.78	138+16.56	214.48' L
68	1518569.45	2480145.92	138+16.56	214.48' L
69	1518531.73	2480162.06	138+16.56	214.48' L
70	1518529.11	2480182.18	137+96.92	260.81' L
71	1518514.48	2480186.43	138+18.63	260.53' L
72	1518078.51	2480431.93	143+07.24	368.27' L
73	1517341.72	2480801.14	151+19.66	506.63' L
74	1517317.51	2480805.72	151+44.16	503.95' L
75	1517280.56	2480784.57	151+73.33	472.95' L
76	1517272.51	2480782.03	151+80.30	468.17' L

LIMITS OF DISTURBANCE COORDINATE TABLE

ID	NORTHING	EASTING	STATION	OFFSET & SIDE
77	1517250.23	2480826.10	152+14.46	503.84' L
78	1517242.35	2480836.89	152+25.14	511.85' L
79	1517236.27	2480831.81	152+29.47	505.23' L
80	1517246.71	2480817.36	152+15.28	494.45' L
81	1517278.32	2480774.07	151+72.41	462.25' L
82	1517318.92	2480797.31	151+40.35	496.32' L
83	1517339.19	2480793.47	151+19.85	498.56' L
84	1518078.10	2480423.23	143+80.53	370.76' L

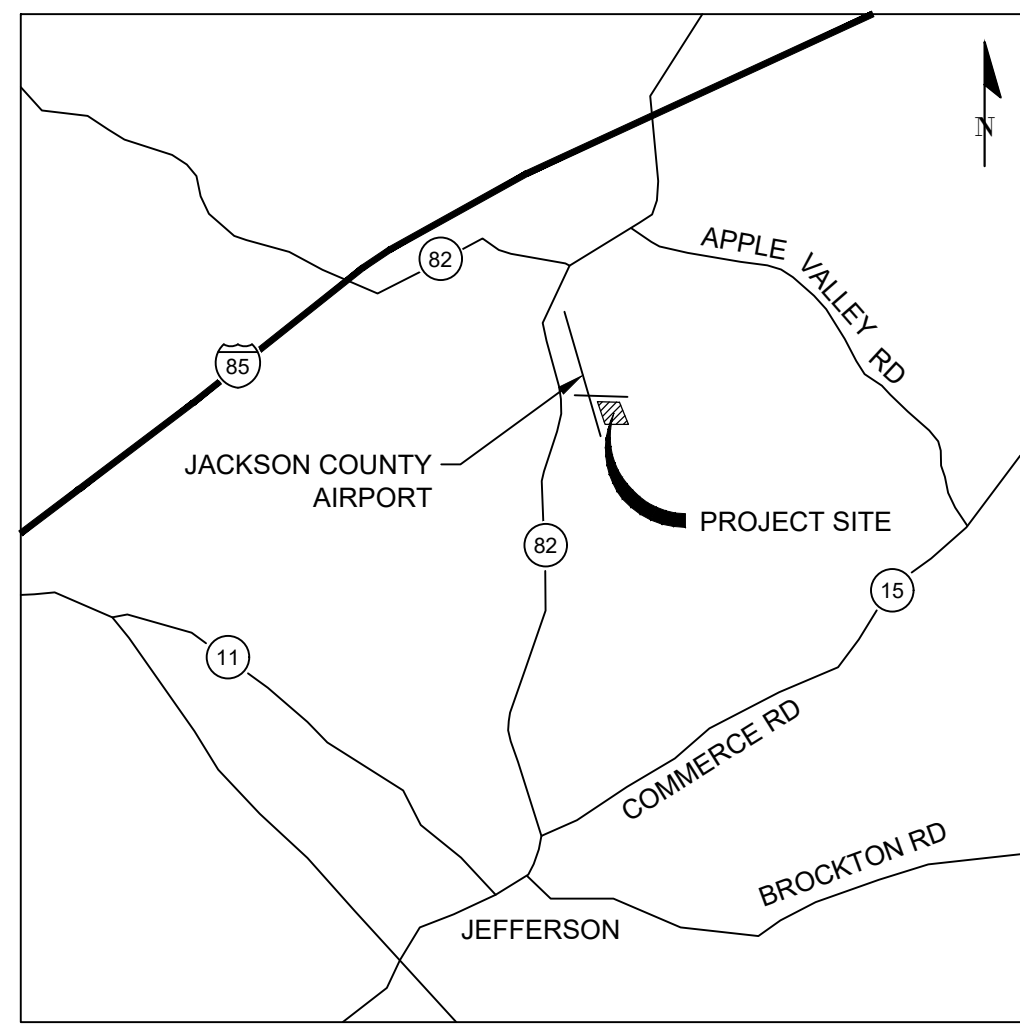
BID DOCUMENT - NOT FOR CONSTRUCTION

PROJECT NAME: RSA / ROFA IMPROVEMENTS; APRON
PAVEMENT AND DRAINAGE REHABILITATION
FOR THE
JACKSON COUNTY AIRPORT (JCA)
CITY OF JEFFERSON, GEORGIA
DRAWING TITLE:
LIMITS OF DISTURBANCE TABLES

PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: BCF
PROJ. DATE: 03/08/2018
DRAWING NUMBER:
5 OF 36
WKD PROJ. NO.:
20170171.00.AT

FILE PATH: J:\Projects\Jefferson County, GA\2017017100AT_WK & JCA\RSA Improvements\Design\20170171_05_PIT_DIST.DWG

COPYRIGHT © W.K. DICKSON & CO., INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENTS OF THIS DOCUMENT, WITHOUT THE WRITTEN PERMISSION OF W.K. DICKSON & CO., INC. IS PROHIBITED. THIS DOCUMENT IS THE PROPERTY OF W.K. DICKSON & CO., INC. AND IS TO BE USED ONLY FOR THE PROJECT AND SITE IDENTIFIED HEREIN. ANY OTHER USE IS PROHIBITED.



VICINITY MAP
N.T.S.

EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLANS FOR: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION

FOR

JACKSON COUNTY AIRPORT (JCA)

MARCH 2018

W.K. DICKSON & CO., INC. PROJECT NO. 20170171.00.AT



Know what's below.
Call before you dig.

DESIGN PROFESSIONAL'S NOTES:

1. THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS, PERIMETER CONTROL BMPs, AND SEDIMENT BASINS IN ACCORDANCE WITH PART IV.A.5. WITHIN 7 DAYS AFTER INSTALLATION.
2. AMMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
3. THE PRIMARY PERMITTEE MUST RETAIN THE DESIGN PROFESSIONAL WHO PREPARED THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, OR AN ALTERNATIVE DESIGN PROFESSIONAL APPROVED BY EPD IN WRITING, TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WITHIN SEVEN (7) DAYS AFTER INSTALLATION. THE DESIGN PROFESSIONAL SHALL DETERMINE IF THESE BMPs HAVE BEEN INSTALLED AND ARE BEING MAINTAINED AS DESIGNED. THE DESIGN PROFESSIONAL SHALL REPORT THE RESULTS OF THE INSPECTION TO THE PRIMARY PERMITTEE WITHIN SEVEN (7) DAYS AND THE PERMITTEE MUST CORRECT ALL DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF RECEIPT OF THE INSPECTION REPORT FROM THE DESIGN PROFESSIONAL UNLESS WEATHER RELATED SITE CONDITIONS ARE SUCH THAT ADDITIONAL TIME IS REQUIRED.

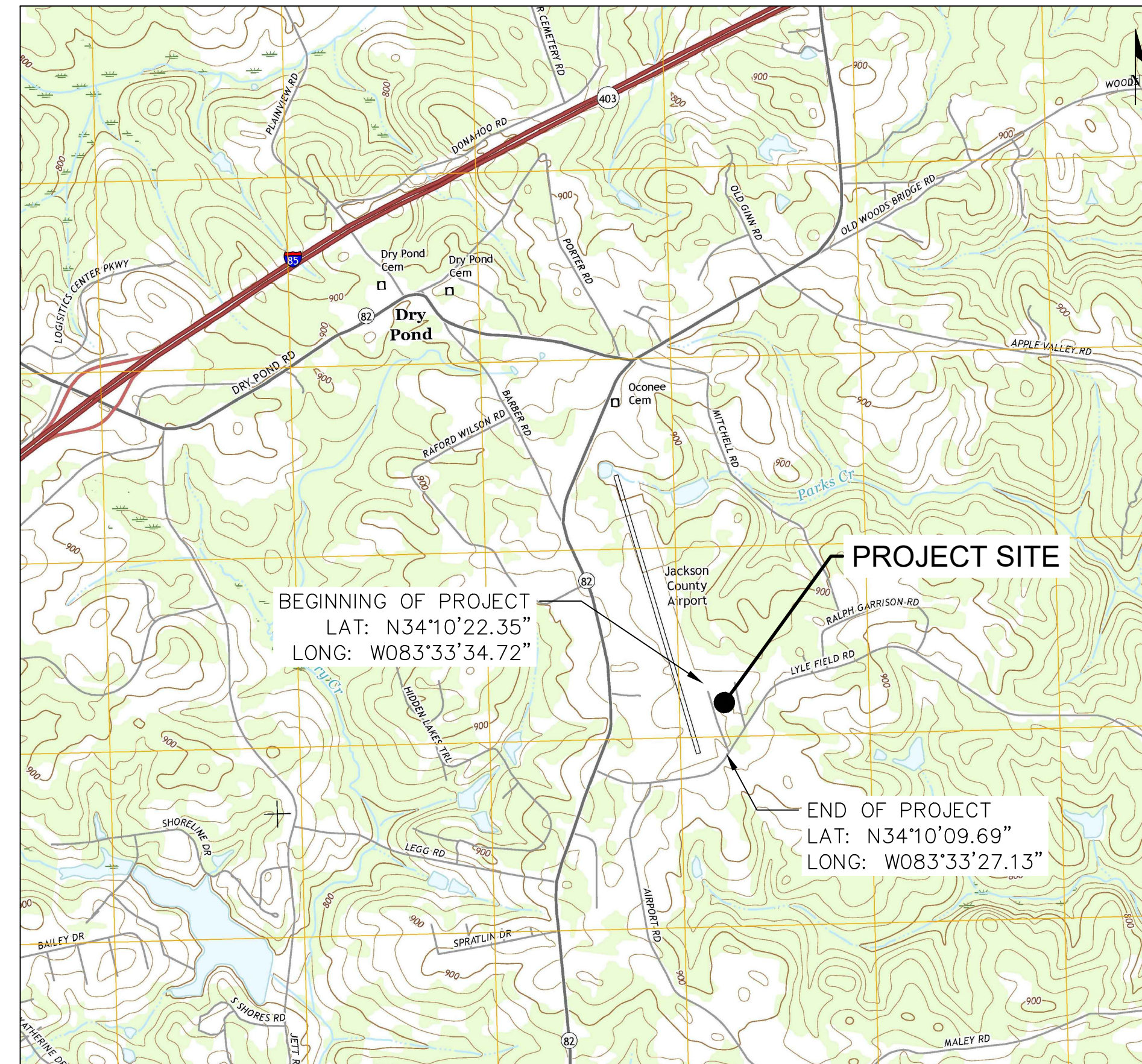
DESIGN PROFESSIONAL'S CERTIFICATION:

"I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION."

"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR100002"

"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR THE MONITORING OF ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES SHOWN ON THE USGS TOPOGRAPHICAL MAP AND ALL OTHER FIELD VERIFIED PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES."

BRAD FERMANICH DATE
GSWCC LEVEL II CERTIFIED PLAN REVIEWER
CERTIFICATION NO. 5746, EXPIRATION: 04/14/2018



APPLE VALLEY, GA QUADRANGLE
USGS TOPOGRAPHICAL MAP
SCALE: 1"=2000'

OWNER / DEVELOPER:
JACKSON COUNTY AIRPORT (JCA)
TOM STRONG
AIRPORT MANAGER
500 SKY HARBOR DRIVE
JEFFERSON, GA 30549
PHONE: (706) 367-1493

24-HOUR CONTACT:
TO BE DETERMINED
AT CONTRACT
AWARD
PHONE: _____

AIRPORT MANAGER:
TOM STRONG
PHONE: (706) 367-1493

INDEX OF DRAWINGS	
DRAWING NUMBER	DRAWING TITLE
6	EROSION CONTROL PLAN COVER
7	NPDES NOTES - SHEET 1
8	NPDES NOTES - SHEET 2
9	NPDES NOTES - SHEET 3
10	GAR100002 CHECKLIST
11	BMP LOCATION PLAN PHASE 1 - CLEARING & GRUBBING
12	BMP LOCATION PLAN PHASE 2 - TEMPORARY GRASSING & VEGETATION
13	BMP LOCATION PLAN PHASE 3 - PERMANENT VEGETATION & STABILIZATION
14	EROSION CONTROL DETAILS - SHEET 1
15	EROSION CONTROL DETAILS - SHEET 2
16	EROSION CONTROL DETAILS - SHEET 3



2120 POWERS FERRY ROAD
SUITE 100
ATLANTA, GA 30339
(770) 955-5574
(770) 955-0338
WWW.WKDICKSON.COM

GSWCC NO. 5746
EXPIRATION DATE 04/14/2018

PROFESSIONAL SEAL

REVISION RECORD	DESCRIPTION	BY	DATE

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
DRAWING TITLE: EROSION CONTROL PLAN COVER

PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: BCF
PROJ. DATE: 03/08/2018
DRAWING NUMBER:

6 OF 36
WKD PROJ. NO.:
20170171.00.AT

BID DOCUMENT - NOT FOR CONSTRUCTION

FILE PATH: J:\Projects\Jackson County\GIS\20170171\Drawings\20170171-ES-Plan_ErosionControlPlanCover.dwg, 03/08/2018 10:58 AM

COPYRIGHT © WK DICKSON & CO., INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENT OF THIS DOCUMENT ADDITIONAL TO THAT AUTHORIZED BY WK DICKSON & CO., INC. IS PROHIBITED. THIS DOCUMENT IS THE PROPERTY OF WK DICKSON & CO., INC. AND SHALL BE RETURNED TO THE ORIGINAL ORIGINATOR UPON COMPLETION OF THE PROJECT.

MATCHLINE (SEE THIS SHEET)

LEGEND

	EX. PAVEMENT EDGE
	EX. MINOR CONTOUR
	EX. MAJOR CONTOUR
	EX. RUNWAY SAFETY AREA (RSA)
	EX. RUNWAY OBJECT FREE AREA (ROFA)
	EX. FENCE
	EX. BUILDING
	EX. STORM PIPE
	EX. TREE LINE
	LOD - LIMITS OF DISTURBANCE

WK DICKSON
 community infrastructure consultants
 2120 POWERS FERRY ROAD
 SUITE 100
 ATLANTA, GA 30339
 (770) 955-5574
 (770) 955-0338
 WWW.WKDICKSON.COM

GSWCC NO. 5746
 EXPIRATION DATE 04/14/2018
 PROFESSIONAL SEAL

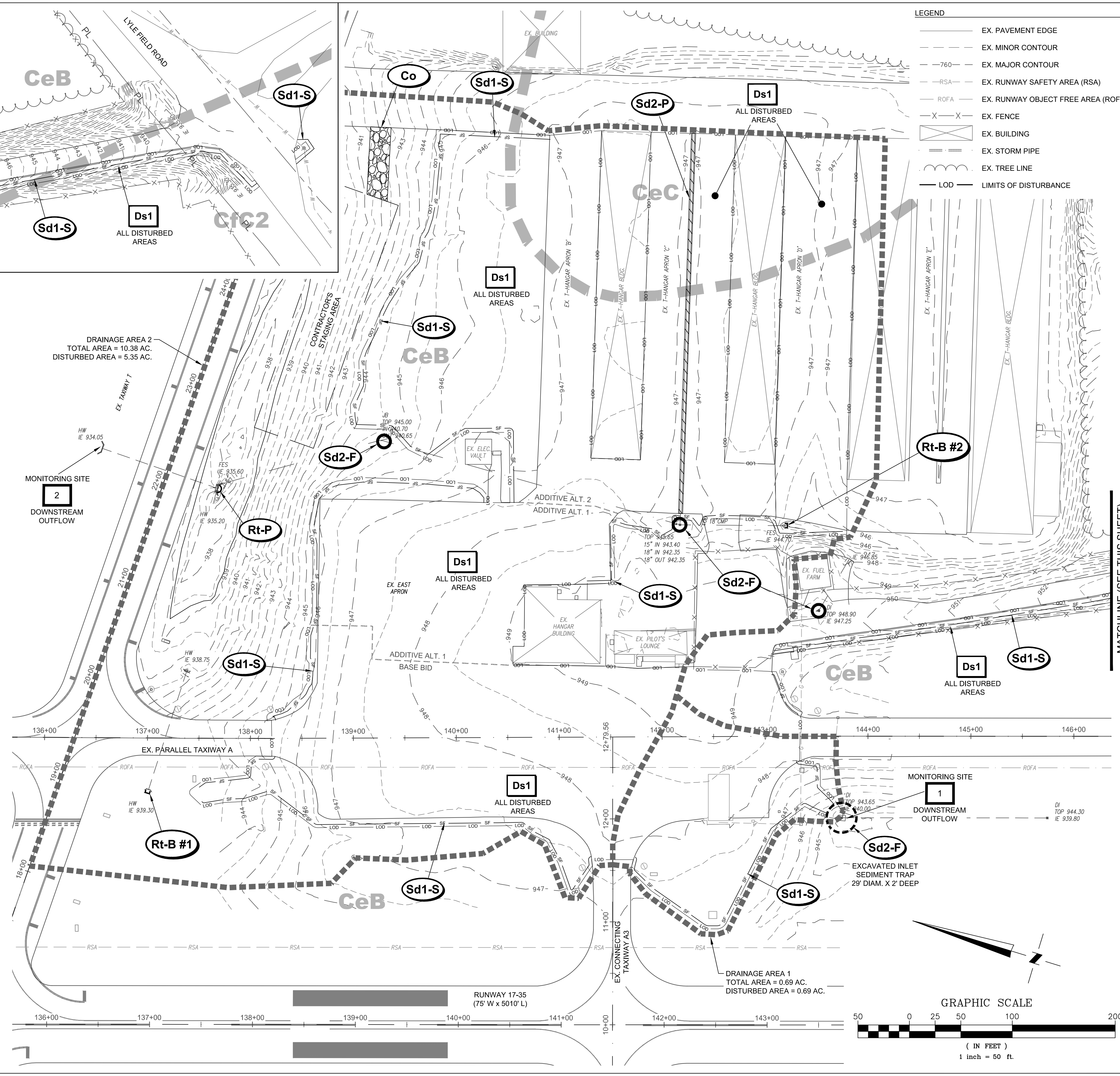
REVISION RECORD	DESCRIPTION	DATE	BY

OWNER / DEVELOPER:
JACKSON COUNTY AIRPORT (JCA)
 24 HR. CONTACT:
 TO BE DETERMINED AT CONTRACT AWARD
 PHONE: _____

- SEDIMENT / EROSION CONTROL NOTES**
- TOTAL DISTURBED AREA = 6.04 AC. PHASE 1 DISTURBED AREA = 6.04 AC.
 - EROSION CONTROL PRACTICES MUST COMPLY WITH THE STANDARDS AND SPECIFICATIONS IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (GREEN BOOK), LATEST VERSION.
 - ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSPECTED PRIOR TO ANY LAND DISTURBANCE OR GRADING ON SITE.
 - IN CONCENTRATED FLOW AREAS, ALL SLOPES STEEPER THAN 2.5 TO 1 AND WITH HEIGHT OF TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFER, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.
 - WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDING AREA WITHIN 24 HOURS OF SEEDING.
 - MULCH WILL BE USED AS A TEMPORARY COVER (DS1). ON SLOPES GREATER THAN 2:1, MULCH, IF USED, WILL BE ANCHORED.
 - SEDIMENT/EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF (1/2) THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
 - PROPER INSTALLATION OF ALL DRAINAGE STRUCTURES AND SEDIMENT CONTROL DEVICES IS THE RESPONSIBILITY OF THE GENERAL AND/OR GRADING CONTRACTOR. THESE STRUCTURES SHOULD BE CONSTRUCTED OF SUITABLE MATERIALS AND IN ACCORDANCE WITH PROFESSIONAL STANDARDS AND PRACTICES FOR STRUCTURES OF THIS TYPE. THE MEASURES SHOWN ARE RECOMMENDATIONS BASED ON THE INFORMATION PROVIDED. IF AT ANY TIME THESE MEASURES ARE JUDGED TO BE INADEQUATE TO CONTROL SILTATION OR RUNOFF, ADDITIONAL MEASURES SHOULD BE PROVIDED TO INSURE PROPER CONTROL. THE GRADING AND/OR GENERAL CONTRACTOR IS URGED TO CONTACT THE GOVERNING MUNICIPALITY FOR ASSISTANCE IF EITHER THE INSTALLATION OR FUNCTION OF THESE MEASURES IS UNCERTAIN. UNDER NO CIRCUMSTANCE WILL SEDIMENT OR SILT-LADEN RUNOFF BE ALLOWED ONTO ADJACENT PROPERTIES.
 - TOPOGRAPHIC INFORMATION OBTAINED FROM FIELD SURVEYS AND GIS INFORMATION.
 - SEE SHEETS 14 TO 16 FOR EROSION CONTROL DETAILS AND SEDIMENT STORAGE CALCULATIONS. SEE SHEETS 9 AND 15 FOR DETAILS AND NOTES ON Ds1 MULCHING, Ds2 TEMPORARY SEEDING, AND Ds3 PERMANENT SEEDING.
 - SEE SHEET 14 FOR EROSION CONTROL BMP LEGEND.
 - THIS PROJECT UTILIZES NAD 83 GEORGIA STATE PLANE EAST ZONE COORDINATES.

- CLEARING, GRUBBING, AND DEMOLITION NOTES**
- ALL AREA WITHIN THE LIMITS OF DISTURBANCE TO BE CLEARED AND GRUBBED. CONTRACTOR TO HAUL ALL DEBRIS OFF-SITE TO A SUITABLE DISPOSAL AREA.

- PHASE 1 SEQUENCE OF CONSTRUCTION ACTIVITY:**
- INSTALL CONSTRUCTION EXIT Co.
 - INSTALL PERIMETER SILT FENCE BARRIER Sd1-S.
 - INSTALL SLOTTED BOARD DAM RETROFITS Rt-B AND PERFORATED HALF-ROUND PIPE RETROFIT Rt-P.
 - INSTALL INLET SEDIMENT TRAPS Sd2.
 - REMOVE EXISTING PAVED AREAS WITHIN LIMITS OF DISTURBANCE AS INDICATED.
 - CLEAR AND GRUB AREA WITHIN LIMITS OF DISTURBANCE AS SHOWN.
 - PLACE Ds1 TEMPORARY MULCH ON ALL DISTURBED AREAS.
 - MAINTAIN ALL EROSION CONTROL BMPs AND CLEAN-OUT SEDIMENT FROM SEDIMENT STORAGE DEVICES AS NECESSARY AND AS PER CLEAN-OUT REQUIREMENTS ON SHEET 16.

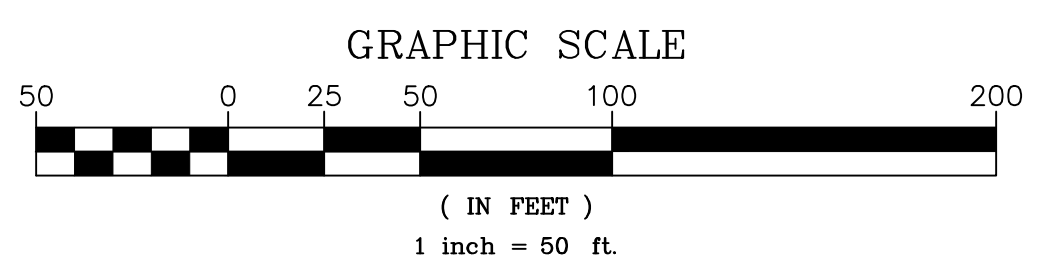


MATCHLINE (SEE THIS SHEET)

BID DOCUMENT - NOT FOR CONSTRUCTION

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
DRAWING TITLE: BMP LOCATION PLAN PHASE 1 - CLEARING & GRUBBING

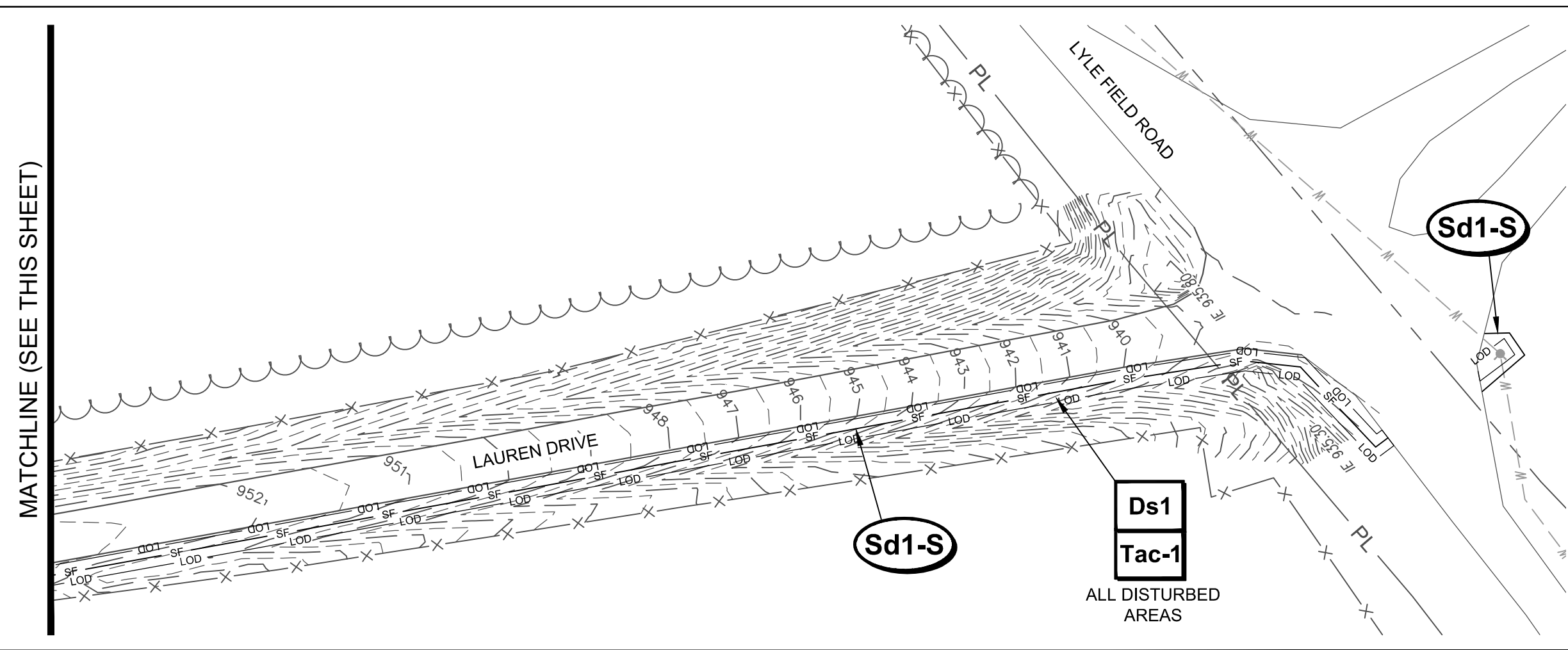
PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: BCF
PROJ. DATE: 03/08/2018
DRAWING NUMBER: 11 OF 36
 WKD PROJ. NO.: 20170171.00.AT



FILE PATH: J:\Projects\BMP Location Plan Phase 1 - Clearing & Grubbing\BMP Location Plan Phase 1 - Clearing & Grubbing.dwg (PLOT) WKD & JCA (PLOT) IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA (PLOT) 03/08/2018 10:28:18 AM

COPYRIGHT © W.K. DICKSON & CO., INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENTS OF THIS DOCUMENT, ADDITIONAL OR NOT, WITHOUT THE WRITTEN PERMISSION OF W.K. DICKSON & CO., INC. SHALL BE CONSIDERED TO BE VIOLATION OF THE ABOVE.

MATCHLINE (SEE THIS SHEET)



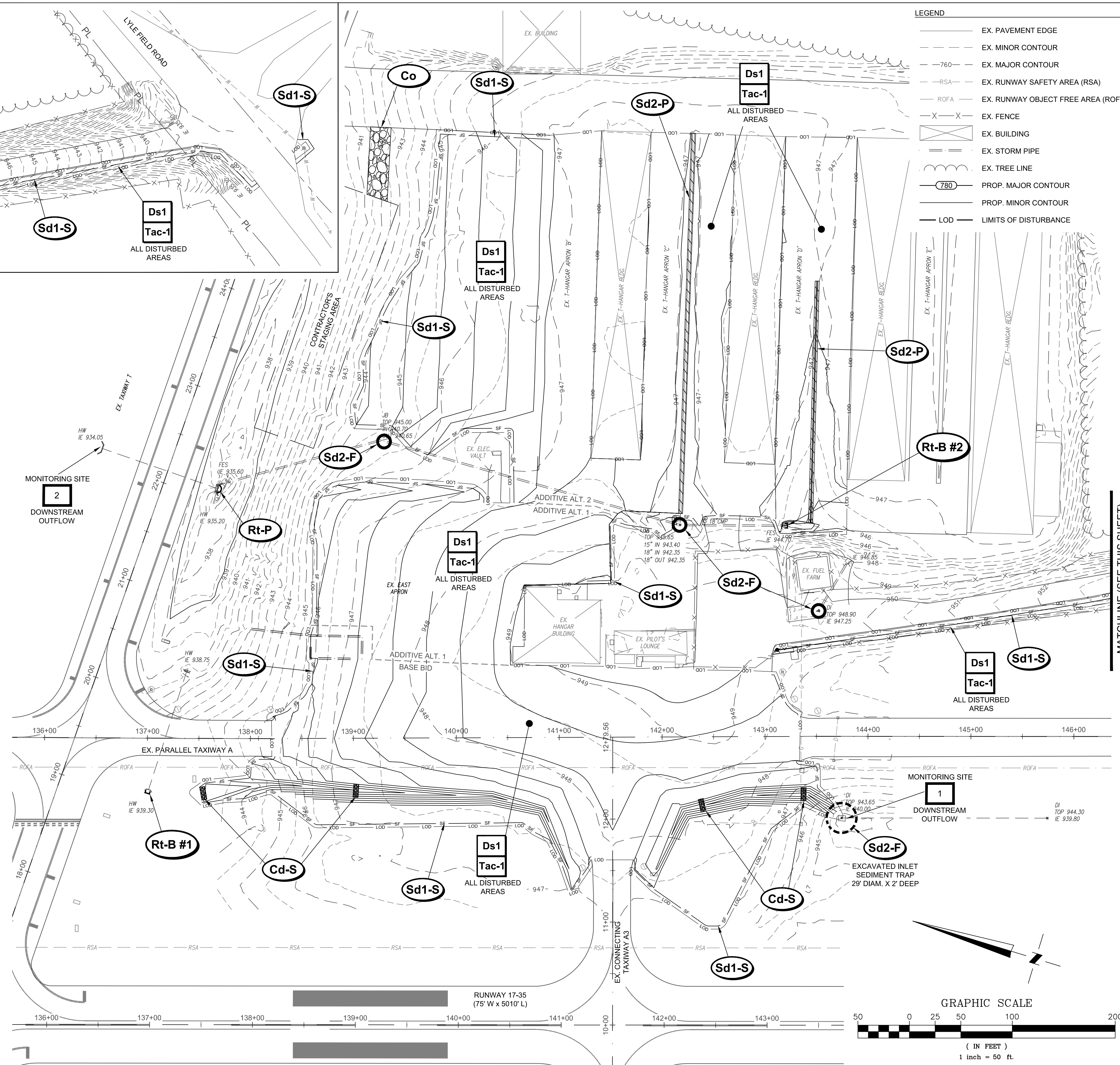
OWNER / DEVELOPER:
JACKSON COUNTY AIRPORT (JCA)
 24 HR. CONTACT:
 TO BE DETERMINED AT CONTRACT AWARD
 PHONE:

SEDIMENT / EROSION CONTROL NOTES

- TOTAL DISTURBED AREA = 6.04 AC.
PHASE 2 DISTURBED AREA = 6.04 AC.
- EROSION CONTROL PRACTICES MUST COMPLY WITH THE STANDARDS AND SPECIFICATIONS IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (GREEN BOOK), LATEST VERSION.
- ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSPECTED PRIOR TO ANY LAND DISTURBANCE OR GRADING ON SITE.
- IN CONCENTRATED FLOW AREAS, ALL SLOPES STEEPER THAN 2.5 TO 1 AND WITH HEIGHT OF TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFER, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.
- WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEEDING.
- MULCH WILL BE USED AS A TEMPORARY COVER (DS1). ON SLOPES GREATER THAN 2:1, MULCH, IF USED, WILL BE ANCHORED.
- SEDIMENT/EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF (1/2) THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
- PROPER INSTALLATION OF ALL DRAINAGE STRUCTURES AND SEDIMENT CONTROL DEVICES IS THE RESPONSIBILITY OF THE GENERAL AND/OR GRADING CONTRACTOR. THESE STRUCTURES SHOULD BE CONSTRUCTED OF SUITABLE MATERIALS AND IN ACCORDANCE WITH PROFESSIONAL STANDARDS AND PRACTICES FOR STRUCTURES OF THIS TYPE. THE MEASURES SHOWN ARE RECOMMENDATIONS BASED ON THE INFORMATION PROVIDED. IF AT ANY TIME THESE MEASURES ARE JUDGED TO BE INADEQUATE TO CONTROL SILTATION OR RUNOFF, ADDITIONAL MEASURES SHOULD BE PROVIDED TO INSURE PROPER CONTROL. THE GRADING AND/OR GENERAL CONTRACTOR IS URGED TO CONTACT THE GOVERNING MUNICIPALITY FOR ASSISTANCE IF EITHER THE INSTALLATION OR FUNCTION OF THESE MEASURES IS UNCERTAIN. UNDER NO CIRCUMSTANCE WILL SEDIMENT OR SILT-LADEN RUNOFF BE ALLOWED ONTO ADJACENT PROPERTIES.
- TOPOGRAPHIC INFORMATION OBTAINED FROM FIELD SURVEYS AND GIS INFORMATION.
- SEE SHEETS 14 TO 16 FOR EROSION CONTROL DETAILS AND SEDIMENT STORAGE CALCULATIONS. SEE SHEETS 9 AND 15 FOR DETAILS AND NOTES ON DS1 MULCHING, DS2 TEMPORARY SEEDING, AND DS3 PERMANENT SEEDING.
- SEE SHEET 14 FOR EROSION CONTROL BMP LEGEND.
- THIS PROJECT UTILIZES NAD 83 GEORGIA STATE PLANE EAST ZONE COORDINATES.

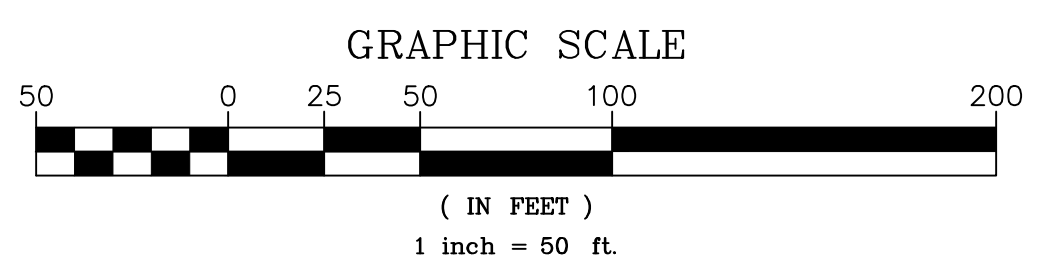
PHASE 2 SEQUENCE OF CONSTRUCTION ACTIVITY:

- GRADE SITE AND INSTALL PROPOSED SLOT DRAIN AS SHOWN. INSTALL INLET SEDIMENT TRAPS Sd2-F AND CURB INLET PROTECTION Sd2-P.
- INSTALL STONE CHECK DAMS Cd-S.
- PLACE DS1 MULCH AND Tac TACKIFIERS ON ALL DISTURBED AREAS IF AREA IS NOT PERMANENTLY SEEDED WITHIN 14 DAYS OF DISTURBANCE.
- MAINTAIN ALL EROSION CONTROL BMPs AND CLEAN-OUT SEDIMENT FROM SEDIMENT STORAGE DEVICES AS NECESSARY AND AS PER CLEAN-OUT REQUIREMENTS ON SHEET 16.



LEGEND

	EX. PAVEMENT EDGE
	EX. MINOR CONTOUR
	EX. MAJOR CONTOUR
	EX. RUNWAY SAFETY AREA (RSA)
	EX. RUNWAY OBJECT FREE AREA (ROFA)
	EX. FENCE
	EX. BUILDING
	EX. STORM PIPE
	EX. TREE LINE
	PROP. MAJOR CONTOUR
	PROP. MINOR CONTOUR
	LIMITS OF DISTURBANCE



MATCHLINE (SEE THIS SHEET)

community infrastructure consultants
 2120 POWERS FERRY ROAD
 SUITE 100
 ATLANTA, GA 30339
 (770) 955-5574
 (770) 955-0338
 WWW.WKDICKSON.COM

GSWCC NO. 5746
 EXPIRATION DATE 04/14/2018
 PROFESSIONAL SEAL

REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
DRAWING TITLE: BMP LOCATION PLAN PHASE 2 - TEMPORARY GRASSING & VEGETATION

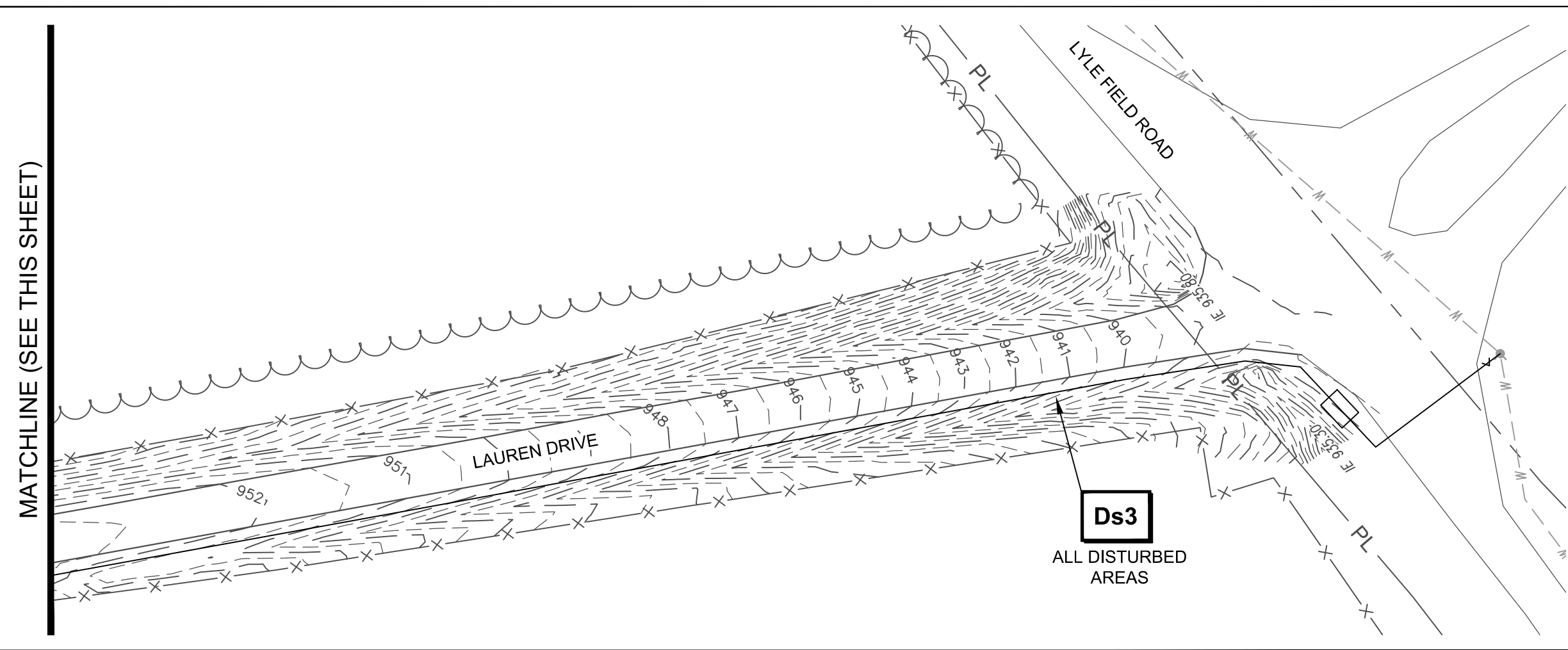
PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: BCF
PROJ. DATE: 03/08/2018
DRAWING NUMBER: 12 OF 36
 WKD PROJ. NO.: 20170171.00.AT

BID DOCUMENT - NOT FOR CONSTRUCTION

FILE PATH: P:\Projects\BMP Location Plan\BMP Location Plan.dwg (2/20/2018 11:42:08 AM)

COPYRIGHT © WK DICKSON & CO., INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENT OF THIS DOCUMENT, ADDITIONAL OR NOT, WITHOUT THE WRITTEN PERMISSION OF WK DICKSON & CO., INC. SHALL BE CONSIDERED TO BE VIOLATION OF THE COPYRIGHT. FROM THE ORIGINAL OF THIS DOCUMENT.

MATCHLINE (SEE THIS SHEET)



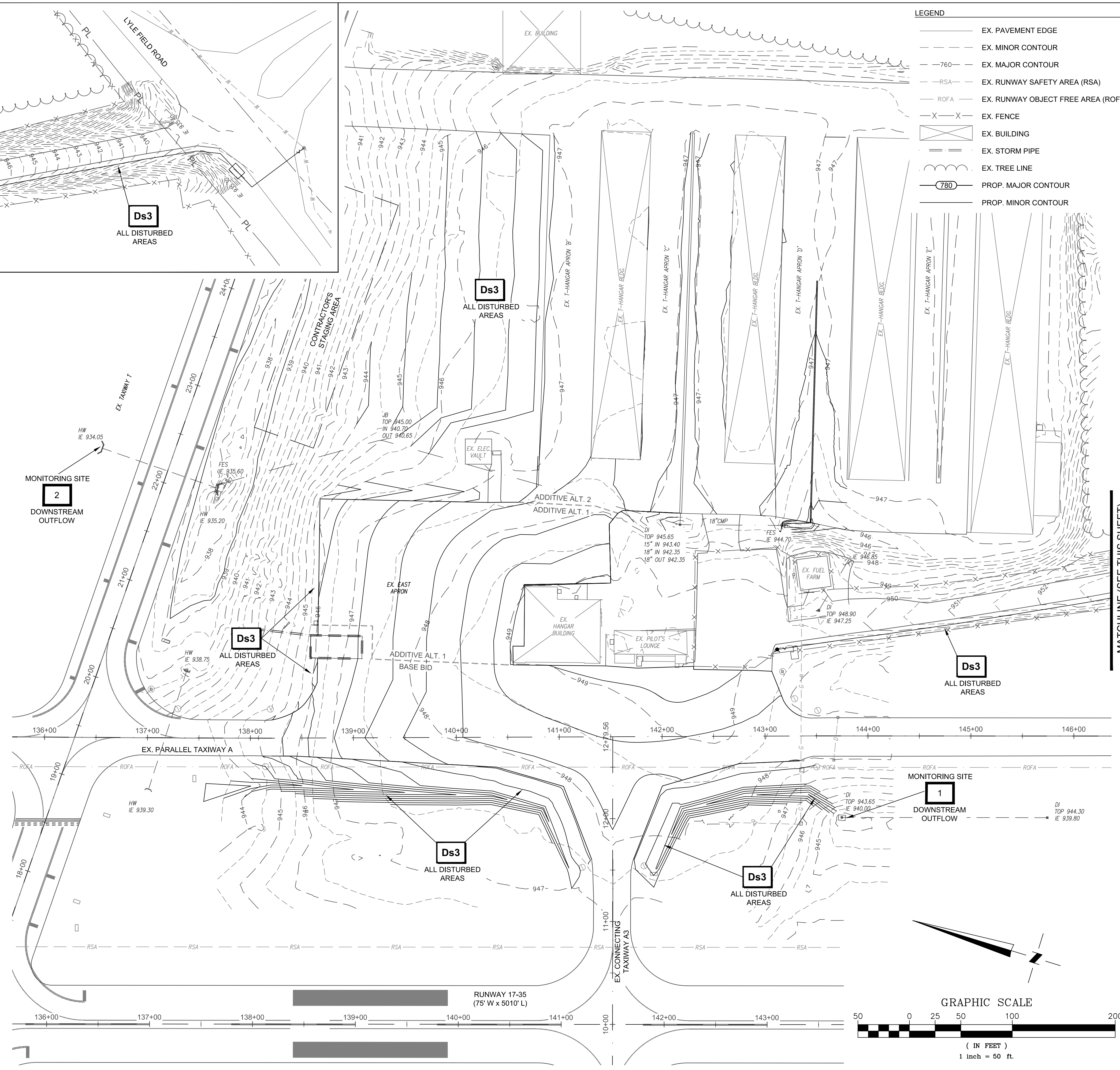
OWNER / DEVELOPER:
JACKSON COUNTY AIRPORT (JCA)
 24 HR. CONTACT:
 TO BE DETERMINED AT CONTRACT AWARD
 PHONE: _____

SEDIMENT / EROSION CONTROL NOTES

- TOTAL DISTURBED AREA = 6.04 AC.
PHASE 3 DISTURBED AREA = 0 AC.
- EROSION CONTROL PRACTICES MUST COMPLY WITH THE STANDARDS AND SPECIFICATIONS IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (GREEN BOOK), LATEST VERSION.
- ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSPECTED PRIOR TO ANY LAND DISTURBANCE OR GRADING ON SITE.
- IN CONCENTRATED FLOW AREAS, ALL SLOPES STEEPER THAN 2.5 TO 1 AND WITH HEIGHT OF TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFER, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.
- WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEEDING.
- MULCH WILL BE USED AS A TEMPORARY COVER (DS1). ON SLOPES GREATER THAN 2:1, MULCH, IF USED, WILL BE ANCHORED.
- SEDIMENT/EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF (1/2) THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
- PROPER INSTALLATION OF ALL DRAINAGE STRUCTURES AND SEDIMENT CONTROL DEVICES IS THE RESPONSIBILITY OF THE GENERAL AND/OR GRADING CONTRACTOR. THESE STRUCTURES SHOULD BE CONSTRUCTED OF SUITABLE MATERIALS AND IN ACCORDANCE WITH PROFESSIONAL STANDARDS AND PRACTICES FOR STRUCTURES OF THIS TYPE. THE MEASURES SHOWN ARE RECOMMENDATIONS BASED ON THE INFORMATION PROVIDED. IF AT ANY TIME THESE MEASURES ARE JUDGED TO BE INADEQUATE TO CONTROL SILTATION OR RUNOFF, ADDITIONAL MEASURES SHOULD BE PROVIDED TO INSURE PROPER CONTROL. THE GRADING AND/OR GENERAL CONTRACTOR IS URGED TO CONTACT THE GOVERNING MUNICIPALITY FOR ASSISTANCE IF EITHER THE INSTALLATION OR FUNCTION OF THESE MEASURES IS UNCERTAIN. UNDER NO CIRCUMSTANCE WILL SEDIMENT OR SILT-LADEN RUNOFF BE ALLOWED ONTO ADJACENT PROPERTIES.
- TOPOGRAPHIC INFORMATION OBTAINED FROM FIELD SURVEYS AND GIS INFORMATION.
- SEE SHEETS 14 TO 16 FOR EROSION CONTROL DETAILS AND SEDIMENT STORAGE CALCULATIONS. SEE SHEETS 9 AND 15 FOR DETAILS AND NOTES ON Ds1 MULCHING, Ds2 TEMPORARY SEEDING, AND Ds3 PERMANENT SEEDING.
- SEE SHEET 14 FOR EROSION CONTROL BMP LEGEND.
- THIS PROJECT UTILIZES NAD 83 GEORGIA STATE PLANE EAST ZONE COORDINATES.

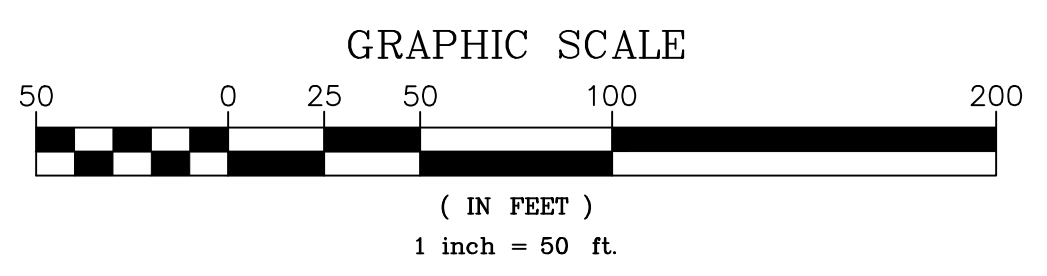
PHASE 3 SEQUENCE OF CONSTRUCTION ACTIVITY:

- PLACE Ds3 PERMANENT GRASSING ON ALL DISTURBED AREAS.
- MAINTAIN ALL EROSION CONTROL BMPS AND CLEAN-OUT SEDIMENT FROM SEDIMENT STORAGE DEVICES AS NECESSARY AND AS PER CLEAN-OUT REQUIREMENTS ON SHEET 16 UNTIL ALL DISTURBED AREAS HAVE ACHIEVED FULL STABILIZATION.
- ONCE ALL DISTURBED AREAS HAVE ACHIEVED FULL STABILIZATION, REMOVE PERIMETER SILT FENCE BARRIERS Sd1-S, INLET SEDIMENT TRAPS Sd2-F AND Sd2-P, STONE CHECK DAMS Cd-S, RETROFITS Rt-B AND Rt-P, AND CONSTRUCTION EXIT Co.



LEGEND

	EX. PAVEMENT EDGE
	EX. MINOR CONTOUR
	EX. MAJOR CONTOUR
	EX. RUNWAY SAFETY AREA (RSA)
	EX. RUNWAY OBJECT FREE AREA (ROFA)
	EX. FENCE
	EX. BUILDING
	EX. STORM PIPE
	EX. TREE LINE
	PROP. MAJOR CONTOUR
	PROP. MINOR CONTOUR



community infrastructure consultants
 2120 POWERS FERRY ROAD
 SUITE 100
 ATLANTA, GA 30339
 (770) 955-5574
 (770) 955-0338
 WWW.WKDICKSON.COM

GSWCC NO. 5746
 EXPIRATION DATE 04/14/2018
 PROFESSIONAL SEAL

REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
DRAWING TITLE: BMP LOCATION PLAN PHASE 3 - PERMANENT VEGETATION & STABILIZATION

PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: BCF
PROJ. DATE: 03/08/2018
DRAWING NUMBER:
13 OF 36
 WKD PROJ. NO.: 20170171.00.AT

BID DOCUMENT - NOT FOR CONSTRUCTION

FILE PATH: J:\Projects\BMP Location Plan\BMP Location Plan.dwg (DATE: 03/08/2018) (TIME: 11:11:11 AM)

CONSULT THE DESIGNER FOR THE LOCATION OF THE CONTENTS OF THIS DOCUMENT. ANY CHANGES TO THE CONTENTS OF THIS DOCUMENT SHALL BE MADE TO THE ORIGINAL DOCUMENT AND NOT TO THIS REVISION RECORD.

PERFORATED HALF-ROUND PIPE RETROFIT CALCULATIONS

- Required stormwater storage = 0 cy (as determined by local ordinance)
 - Required sediment storage = 241 cy (67 cy/ac * 3.6 ac disturbed area)
 - Total required storage = 0 cy + 241 cy = 241 cy
 - Available storage = 350 cy
 - Is the available storage (4) greater than the total required storage (3)? X yes no
 - If "no", the sediment storage capacity of the pond must be increased. Choose the method to be used:
 N/A Raise the invert of the outlet structure N/A inches
 N/A Undercut the pond N/A feet
 N/A Other N/A
 - Clean-out elevation = 937.8 ft (Elevation corresponding to 22 cy/ac * 3.6 ac disturbed area)
 - Is the length-width ratio 2:1 or greater? X yes no
 - If "no", the length of flow must be increased. Choose the method to be used:
 N/A Baffles (Type of baffle: N/A)
 N/A Other N/A
- Note the CMP diameter and height if a half-round CMP retrofit is to be used.
 Diameter = 48 inches Height = 4 feet

Rt-P

SLOTTED BOARD DAM RETROFIT CALCULATIONS

- Required stormwater storage = 0 cy (as determined by local ordinance)
 - Required sediment storage = 70 cy (67 cy/ac * 1.1 ac disturbed area)
 - Total required storage = 0 cy + 70 cy = 70 cy
 - Available storage = 50 cy
 - Is the available storage (4) greater than the total required storage (3)? X yes no
 - If "no", the sediment storage capacity of the pond must be increased. Choose the method to be used:
 N/A Raise the invert of the outlet structure N/A inches
 N/A Undercut the pond N/A feet
 N/A Other N/A
 - Clean-out elevation = 940.5 ft (Elevation corresponding to 22 cy/ac * 1.1 ac disturbed area)
 - Is the length-width ratio 2:1 or greater? X yes no
 - If "no", the length of flow must be increased. Choose the method to be used:
 N/A Baffles (Type of baffle: N/A)
 N/A Other N/A
- Note the height and width if a slotted board dam retrofit is to be used.
 Width 4 feet Height 3 feet

Rt-B #1

SLOTTED BOARD DAM RETROFIT CALCULATIONS

- Required stormwater storage = 0 cy (as determined by local ordinance)
 - Required sediment storage = 46 cy (67 cy/ac * 0.7 ac disturbed area)
 - Total required storage = 0 cy + 46 cy = 46 cy
 - Available storage = 30 cy
 - Is the available storage (4) greater than the total required storage (3)? X yes no
 - If "no", the sediment storage capacity of the pond must be increased. Choose the method to be used:
 N/A Raise the invert of the outlet structure N/A inches
 N/A Undercut the pond N/A feet
 N/A Other N/A
 - Clean-out elevation = 945.7 ft (Elevation corresponding to 22 cy/ac * 0.7 ac disturbed area)
 - Is the length-width ratio 2:1 or greater? X yes no
 - If "no", the length of flow must be increased. Choose the method to be used:
 N/A Baffles (Type of baffle: N/A)
 N/A Other N/A
- Note the height and width if a slotted board dam retrofit is to be used.
 Width 3 feet Height 2 feet

Rt-B #2

EXCAVATED INLET SEDIMENT TRAP CALCULATIONS

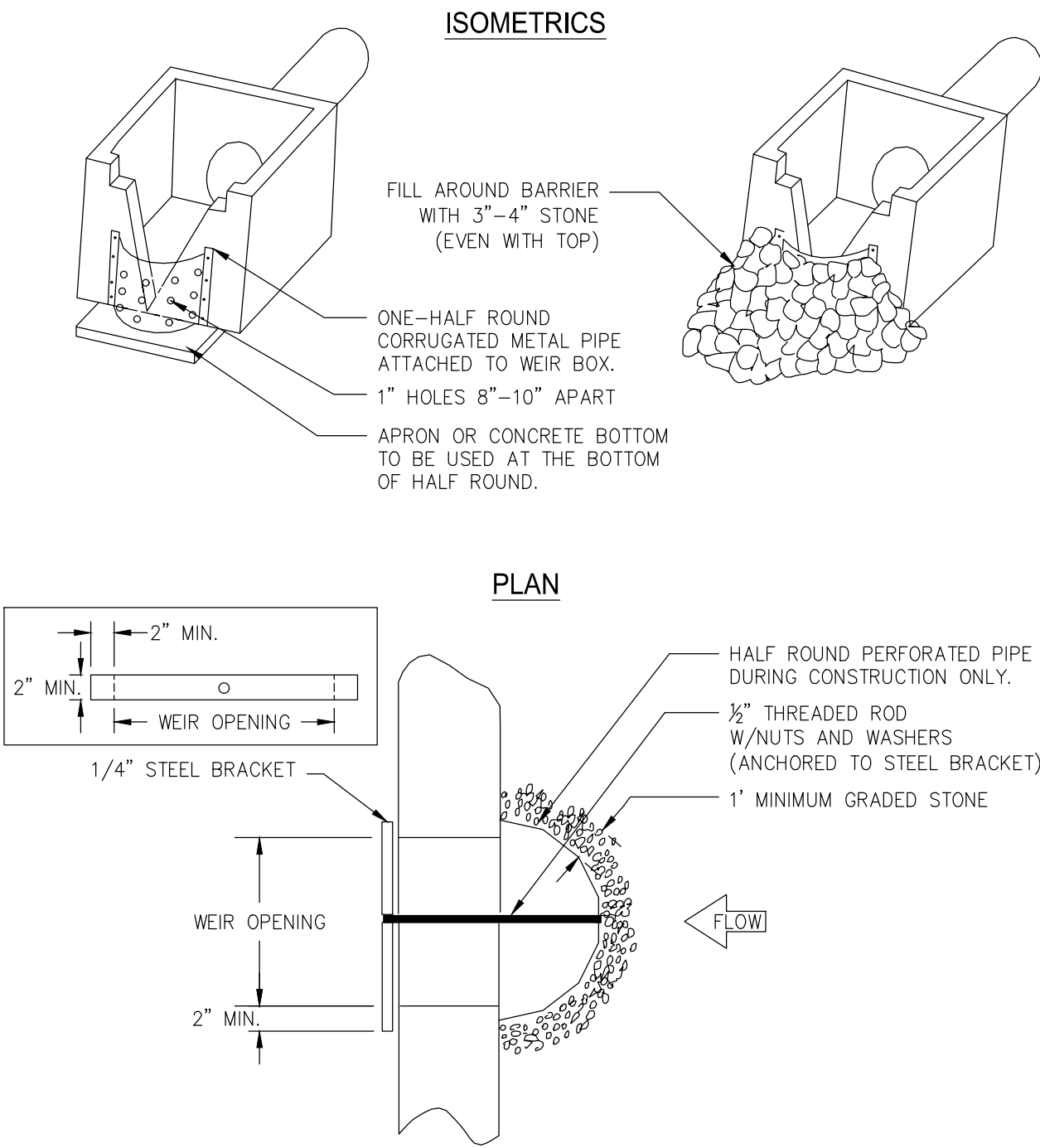
- Drainage Area = 0.69 ac
- Required Sediment storage = 67 cy/ac * drainage area = 46.2 cy
- Assume excavation depth (minimum of 1.5 ft.) = 2.0 ft.
- Assume slope of sides (shall not be steeper than 2:1) = 2:1
- Determine required surface area
 S_{min} = Required sediment storage / excavation depth
 S_{min} = 1,248 cf / 2.0 ft
 S_{min} = 624 sf
- Assume shape of excavation and determine dimensions.
 (A rectangular shape with 2:1 length to width ratio is recommended.)
 Shape: circular
 Dimensions: L = N/A ft W = N/A ft diameter (if applicable) = 29 ft

Sd2-F

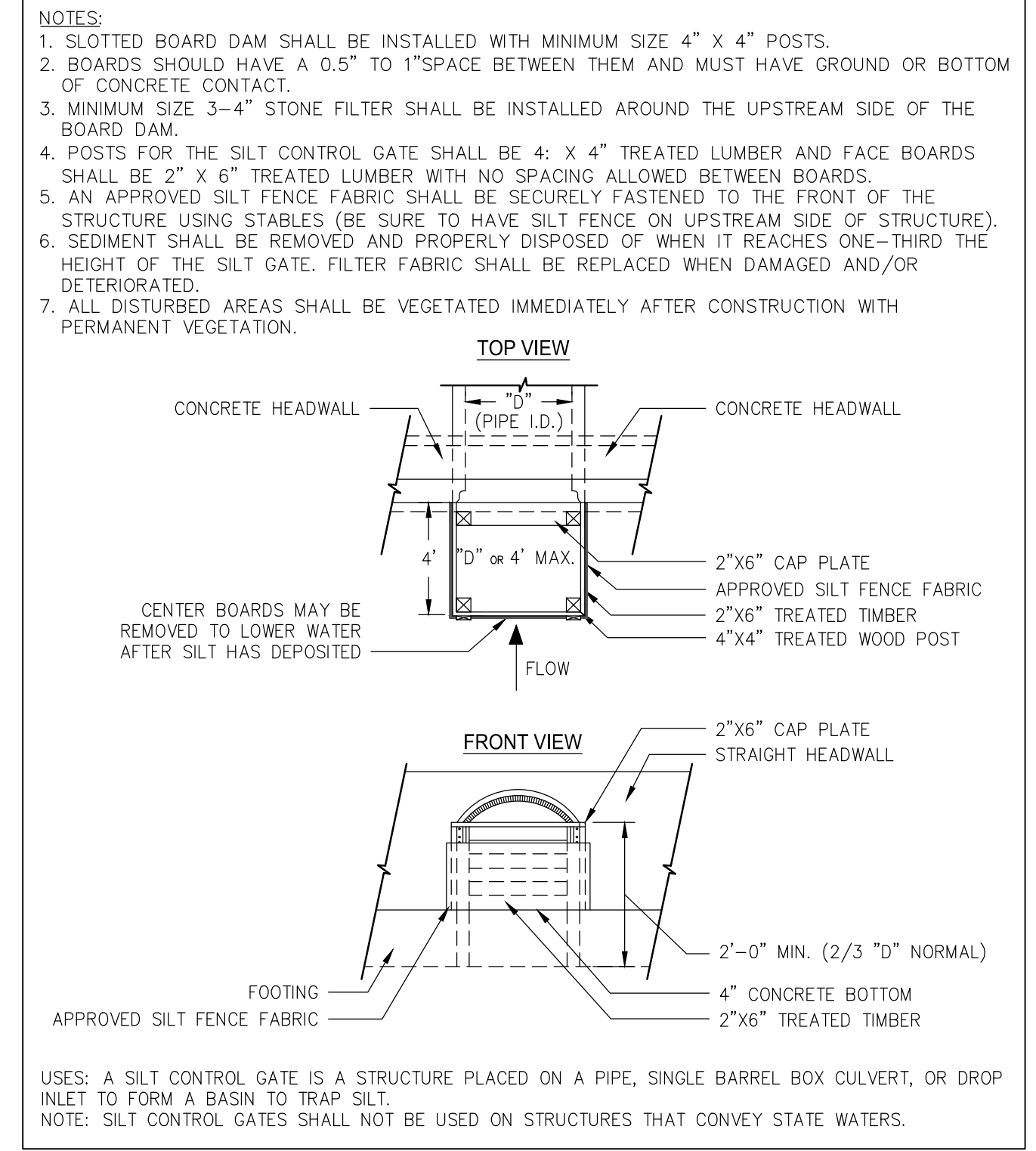
SEDIMENT STORAGE TABLE						RETROFIT Rt		EXCAVATED INLET SEDIMENT TRAP Sd2	
DRAINAGE AREA ID	TOTAL DRAINAGE AREA (AC)	DISTURBED AREA (AC)	REQUIRED SEDIMENT STORAGE VOL / AC	REQUIRED SEDIMENT STORAGE VOLUME (CY)	TOTAL PROVIDED SEDIMENT STORAGE VOLUME (CY)	(SEE CALCULATIONS ON THIS SHEET)		(SEE CALCULATIONS ON THIS SHEET)	
						# OF DEVICES	TOTAL VOLUME (CY)	# OF DEVICES	TOTAL VOLUME (CY)
1	10.38	5.35	67	359	530	3	530		
2	0.69	0.69	67	47	49			1	49

SEE SHEET 11 FOR LOCATIONS OF SEDIMENT STORAGE BMPS.

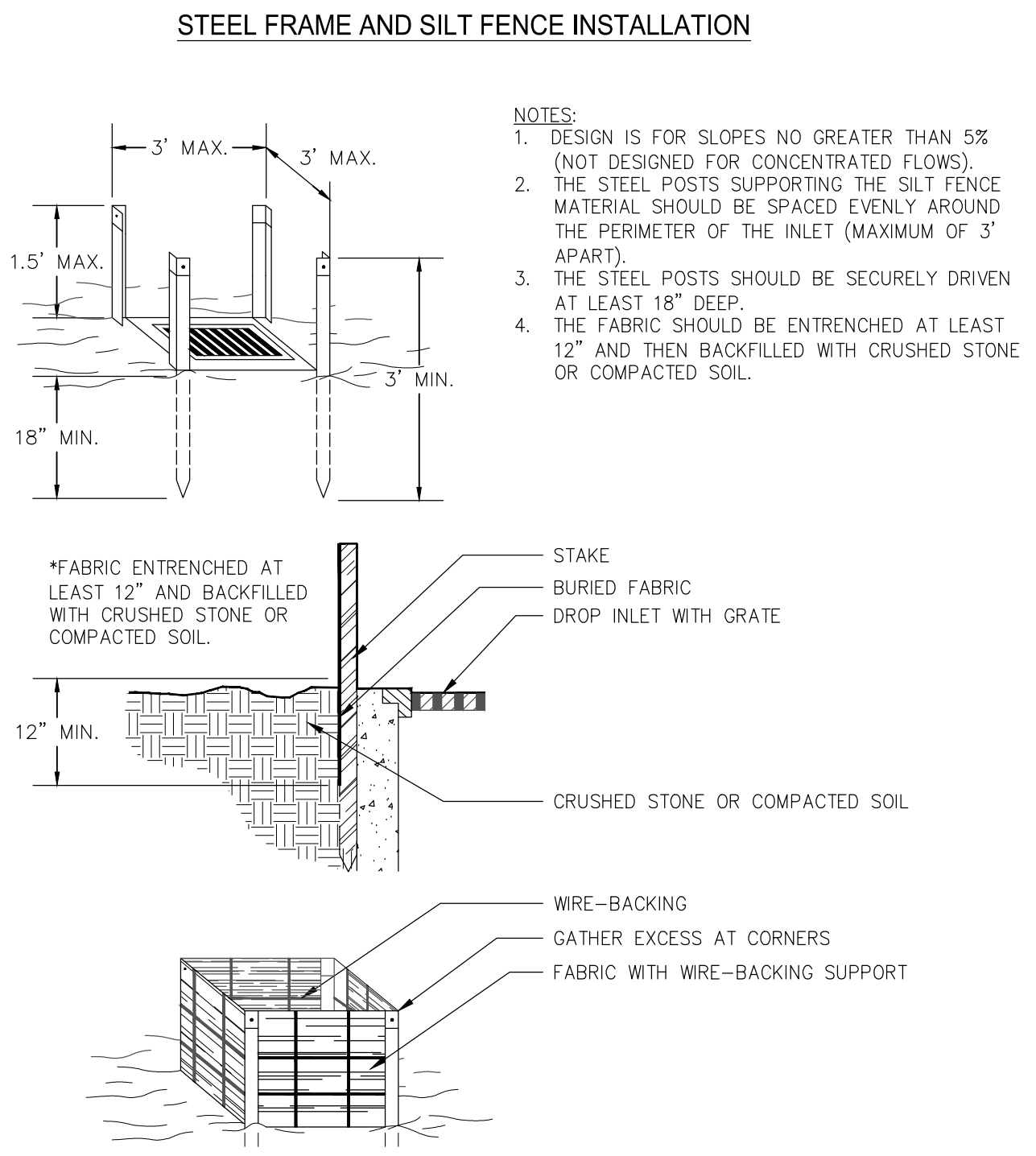
Rt-P PERFORATED HALF-ROUND PIPE WITH STONE FILTER



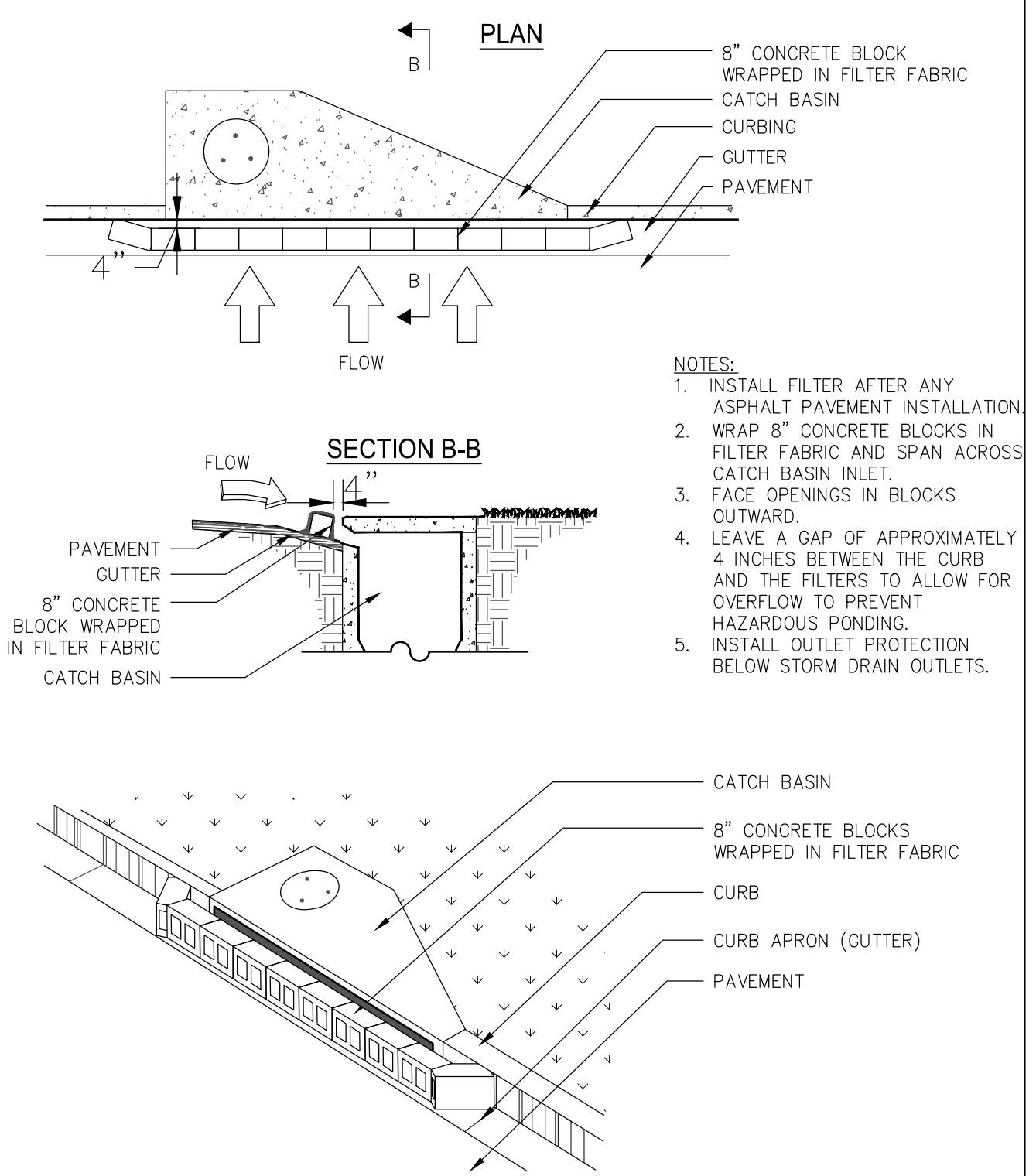
Rt-B SILT CONTROL GATE WITH SLOTTED BOARD DAM TYPE 2: FOR STRAIGHT HEADWALLS



Sd2-F FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION



Sd2-P CURB INLET FILTER "PIGS IN BLANKET"



WK DICKSON
 community infrastructure consultants
 2120 POWERS FERRY ROAD
 SUITE 100
 ATLANTA, GA 30339
 (770) 955-8574
 (770) 955-0338
 WWW.WKDICKSON.COM

GSWCC NO. 5746
 EXPIRATION DATE 04/14/2018
 PROFESSIONAL SEAL

NO.	REVISION RECORD	DESCRIPTION	DATE	BY

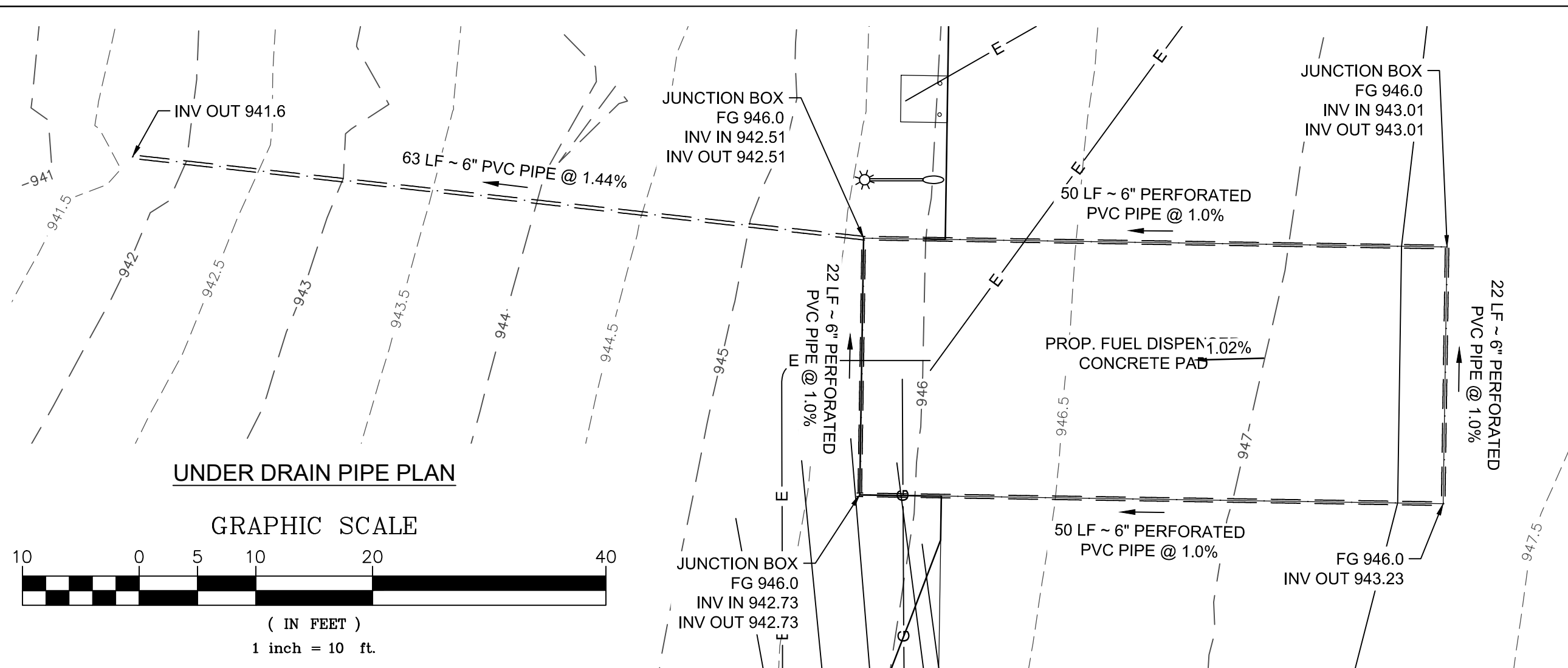
PROJECT NAME: **RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA**

DRAWING TITLE: **EROSION CONTROL DETAILS - SHEET 3**

PROJ. MGR.: MRJ
 DESIGN BY: BCF
 DRAWN BY: BCF
 PROJ. DATE: 03/08/2018
 DRAWING NUMBER:
16 OF 36
 WKD PROJ. NO.:
 20170171.00.AT

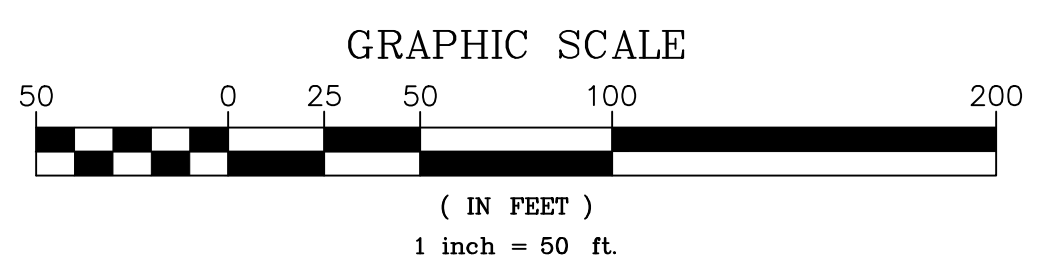
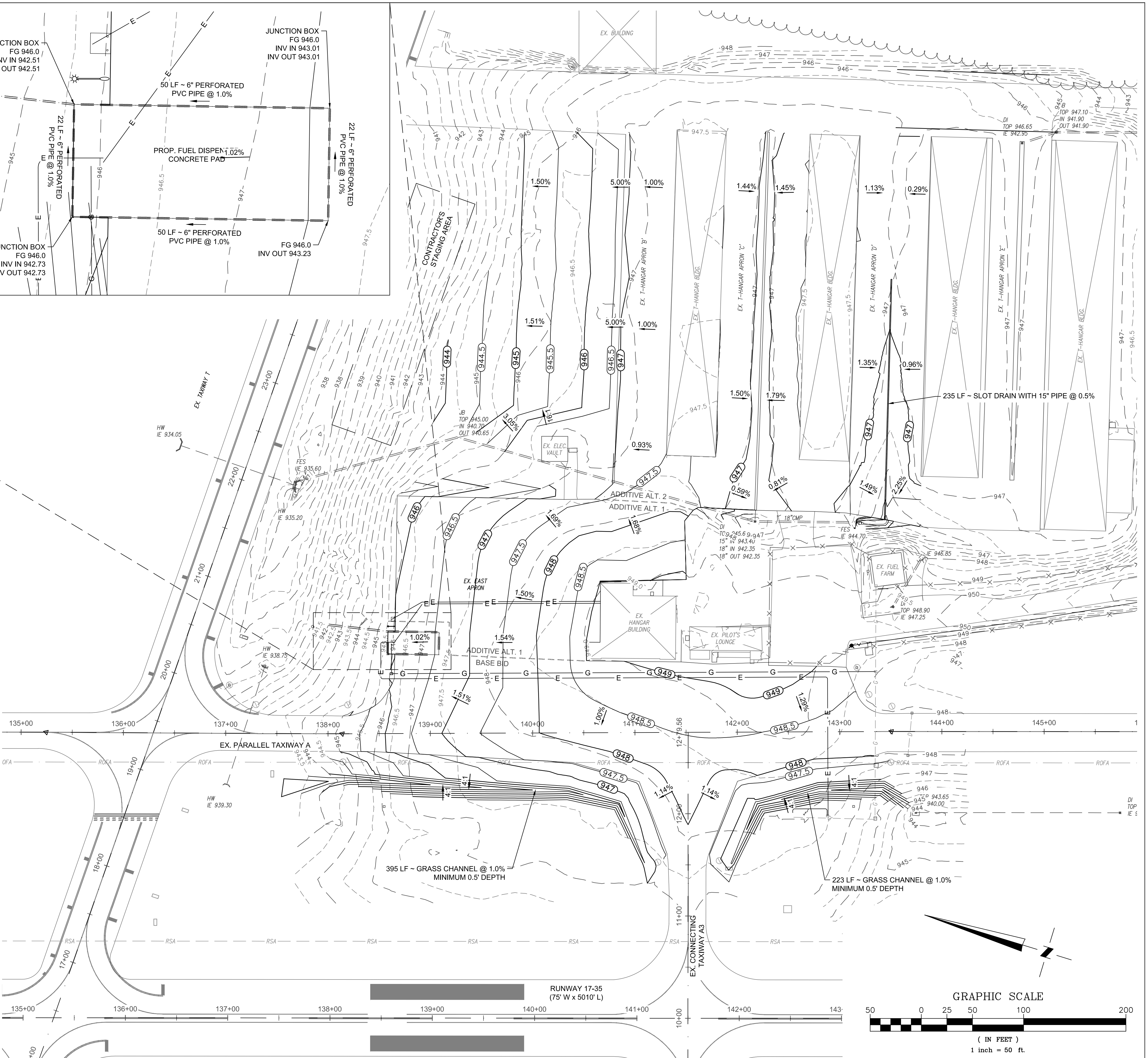
BID DOCUMENT - NOT FOR CONSTRUCTION

COPYRIGHT © W.K. DICKSON & CO., INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENTS OF THIS DOCUMENT, ADDITIONAL OR NOT, WITHOUT THE WRITTEN PERMISSION OF W.K. DICKSON & CO., INC. IS STRICTLY PROHIBITED. THIS DOCUMENT IS THE PROPERTY OF W.K. DICKSON & CO., INC. AND SHALL BE RETURNED TO THE OFFICE OF ORIGIN UPON COMPLETION OF THE PROJECT.



- LEGEND**
- EX. PAVEMENT EDGE
 - - - RSA EX. RUNWAY SAFETY AREA (RSA)
 - - - ROFA EX. RUNWAY OBJECT FREE AREA (ROFA)
 - X - X EX. FENCE
 - EX. BUILDING
 - - - EX. STORM PIPE
 - - - EX. MINOR CONTOUR (0.5' INTERVAL)
 - - - EX. MAJOR CONTOUR (1' INTERVAL)
 - - - PROP. MINOR CONTOUR (0.5' INTERVAL)
 - - - PROP. MAJOR CONTOUR (1' INTERVAL)
 - - - PROP. SLOT DRAIN
 - - - EX. UNDERGROUND FUEL LINE
 - G PROP. UNDERGROUND FUEL LINE
 - E PROP. UNDERGROUND ELECTRICAL LINE

- NOTES:**
- TOPSOIL STRIPPING WILL BE REQUIRED IN AREAS TO BE PAVED. STRIPPING WILL NOT BE REQUIRED IN THE TAXIWAY SHOULDER AND SAFETY AREA BUILD UP AREAS. THE CONTRACTOR SHALL DISC THE SHOULDER AND SAFETY AREAS PRIOR TO BUILD UP.
 - PAYMENT FOR TOPSOIL STRIPPING SHALL BE MADE UNDER THE "TOPSOIL PLACEMENT" ITEM OF WORK. FINAL PLACEMENT IS INCLUDED IN THIS ITEM OF WORK, WHETHER THE MATERIAL IS PLACED IMMEDIATELY AFTER STRIPPING OR STOCKPILED AND THEN PLACED.
 - SUBGRADE MATERIAL FOUND TO BE UNSUITABLE SHALL BE REMOVED AT THE DIRECTION OF THE ENGINEER. PAYMENT FOR REMOVAL AND BACKFILL OF UNSUITABLE MATERIAL SHALL BE MADE UNDER THE "UNCLASSIFIED EXCAVATION" ITEM OF WORK. REMOVED UNSUITABLE MATERIAL SHALL BE BACKFILLED WITH SUITABLE MATERIAL FROM THE OFFSITE BORROW SOURCE.
 - ALL UNSUITABLE EXCAVATION MATERIAL SHALL BE DISPOSED OF OFF AIRPORT PROPERTY.
 - SEE GEOTECH REPORT PREPARED BY CONTOUR ENGINEERING FOR THE JACKSON COUNTY AIRPORT TITLED "REPORT OF GEOTECHNICAL EXPLORATION" DATED JULY 31, 2017 FOR DETAILS AND PROCEDURES ON EARTHWORK ACTIVITIES INCLUDING SITE PREPARATION, EXCAVATION, STRUCTURAL FILL PLACEMENT AND COMPACTION, AND GROUNDWATER AND DRAINAGE RECOMMENDATIONS.
 - SEE SHEETS M-1 THROUGH M-5 FOR FUEL DISPENSER LAYOUT PLAN.
 - SEE SHEETS E1 THROUGH E3 FOR ELECTRICAL PLANS.
 - ALL STATIONS AND OFFSETS ARE REFERENCED FROM THE PROPOSED CONSTRUCTION BASELINE. (SEE SHEET 2)



PROFESSIONAL SEAL

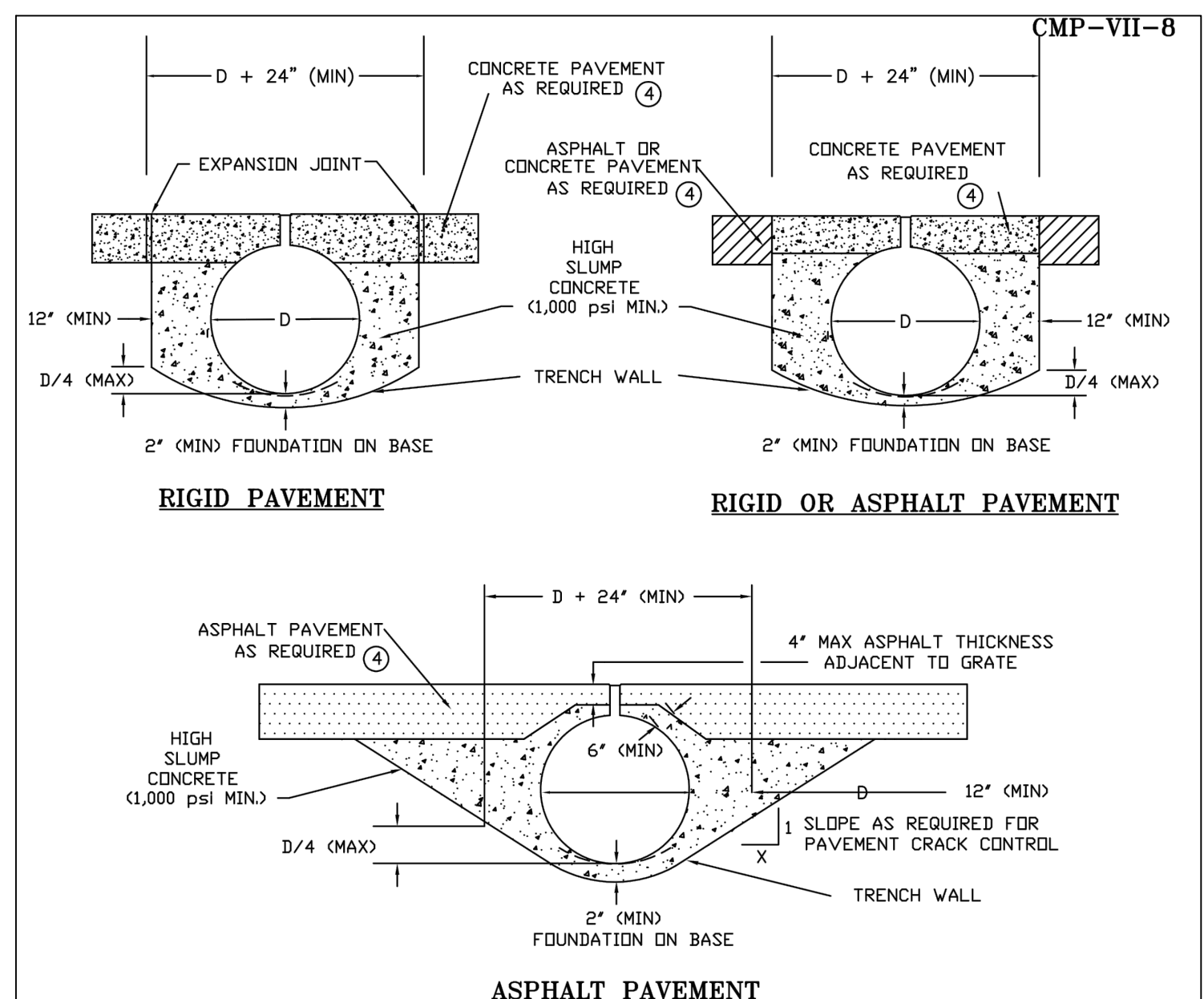
REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
DRAWING TITLE: GRADING AND DRAINAGE PLAN

PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: VALUE
PROJ. DATE: 03/08/2018
DRAWING NUMBER: 17 OF 36
WKD PROJ. NO.: 20170171.00.AT

BID DOCUMENT - NOT FOR CONSTRUCTION

FILE PATH: J:\Projects\Jackson County, GA\20170171\001 - W.K. & C.A. Dickson\Improvements\Design\20170171_01_SPT_Grading and Drainage.dwg, 8/20/17 11:25 AM

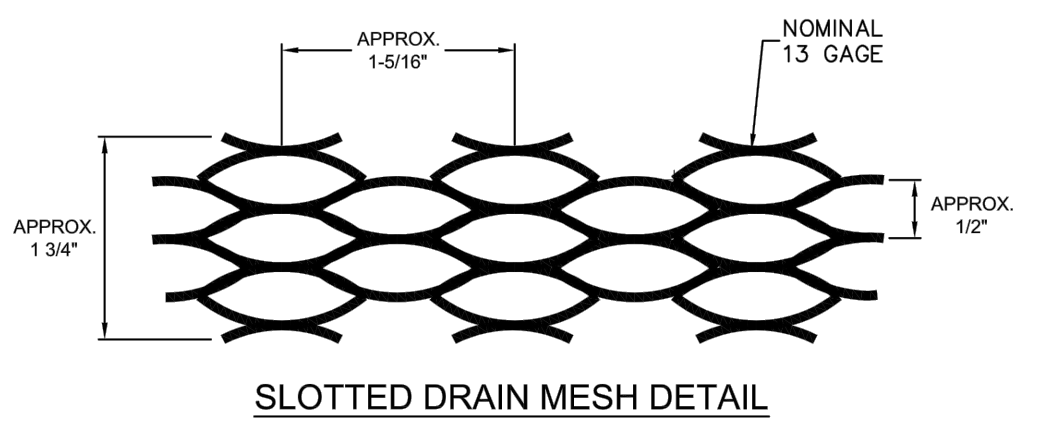
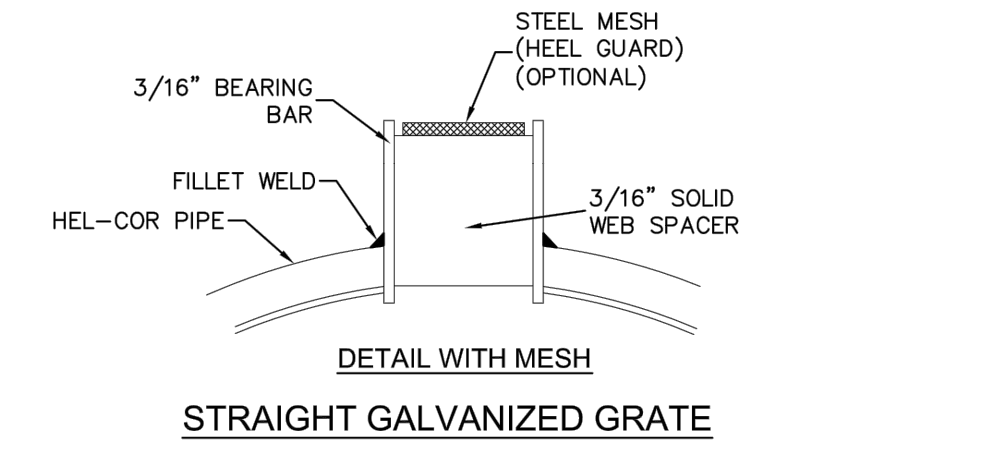


- REQUIREMENTS:**
- ① 6" MINIMUM GRATE DEPTH, WITH DOUBLE THE STANDARD WELDING TO PIPE AND ANY PLATE EXTENDERS.
 - ② GRATE RECESSED 1/4" MINIMUM BELOW TRAFFIC SURFACE.
 - ③ DETAILS APPLY TO AIRCRAFT, OFF HIGHWAY, AND LOADS WHERE TIRE PRESSURES EXCEED 125 PSI. SOME SITE CONDITIONS AND LOADING/DRAIN SIZE COMBINATIONS MAY HAVE ADDITIONAL REQUIREMENTS.
 - ④ PAVEMENT AS REQUIRED ELSEWHERE IN THE PROJECT. IF CONCRETE PAVEMENT ELSEWHERE IS REINFORCED, CONTINUE THIS SAME REINFORCEMENT INTO THE SLOTTED DRAIN ZONE. MINIMUM STEEL REINFORCEMENT AS REQUIRED TO MINIMIZE TEMPERATURE CRACKING OF THE CONCRETE IS RECOMMENDED IN THE SLOTTED DRAIN ZONE.

TABLE 1
SLOTTED DRAIN GAGE REQUIREMENTS ①

DRAIN DIA (in.)	2 1/2" GRATE		6" GRATE	
	ASPHALT PAVEMENT	CONCRETE PAVEMENT	ASPHALT PAVEMENT	CONCRETE PAVEMENT
12	16	16	16	16
15	16	16	16	16
18	14	16	16	16
21	10	12	16	16
24	--	10	16	16
30	②	②	16	16
36	②	②	16	16

- NOTES:**
- ① INSTALLATION MUST CONFORM TO STANDARD DETAILS (DRAWING NO. 1008607C) USING 750 PSI MINIMUM HIGH SLUMP CONCRETE BACKFILL.
 - ② REQUIRES REINFORCED CONCRETE PAVEMENT OR A DEEPER GRATE.



NOTE:
ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES

PROFESSIONAL SEAL

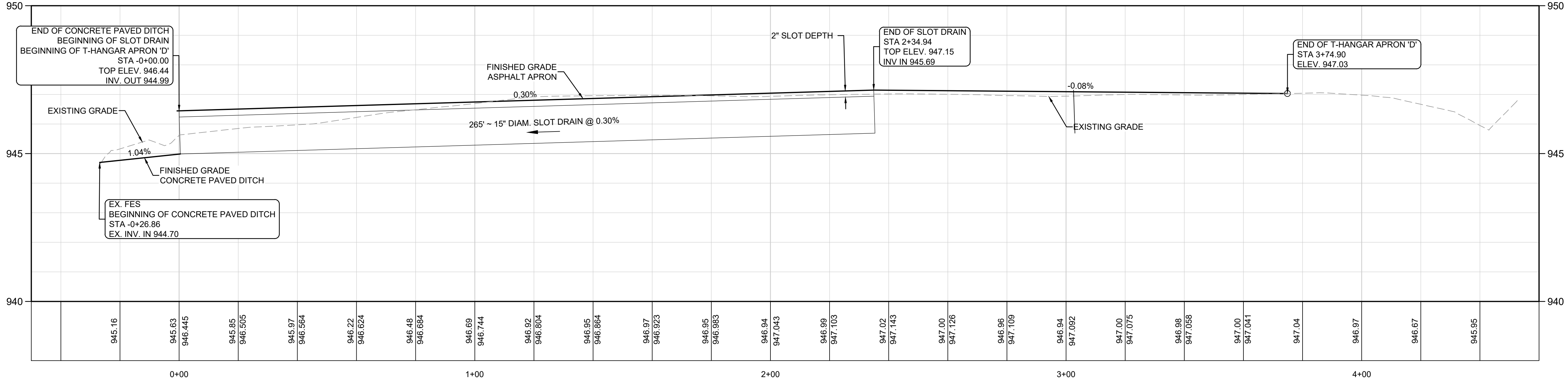
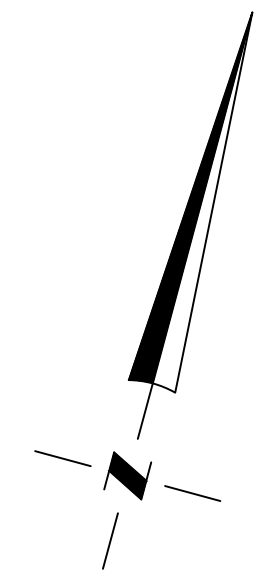
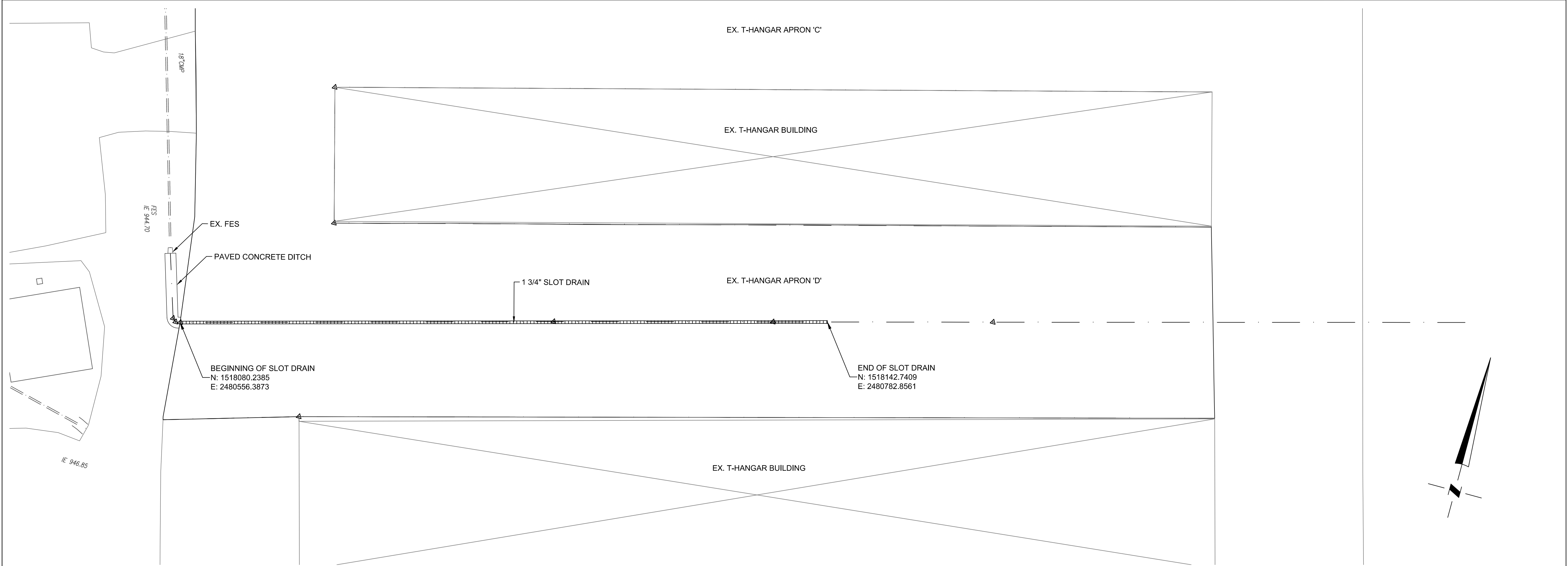
REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME: RSA / ROFA IMPROVEMENTS; APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
 DRAWING TITLE: STORM DRAINAGE DETAILS

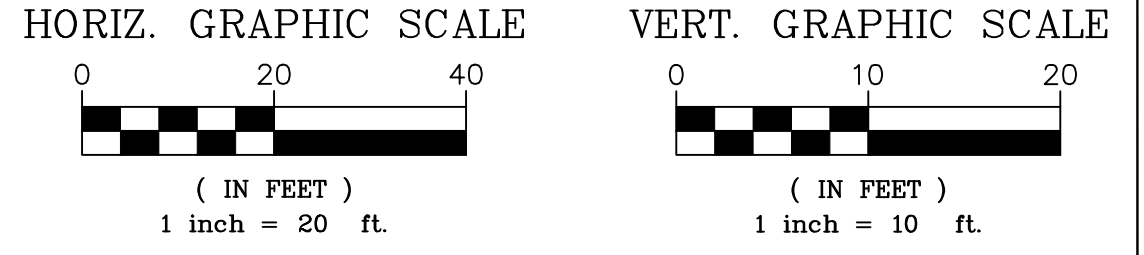
PROJ. MGR.: MRJ
 DESIGN BY: BCF
 DRAWN BY: BCF
 PROJ. DATE: 03/08/2018
 DRAWING NUMBER:

BID DOCUMENT - NOT FOR CONSTRUCTION

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE CONTENTS OF THIS DOCUMENT. ANY DISCREPANCIES BETWEEN THE INFORMATION CONTAINED HEREIN AND THE ACTUAL CONDITIONS OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES.



SLOT DRAIN PROFILE
 HORIZ SCALE = 1" = 20'
 VERT SCALE = 1" = 10'



PROFESSIONAL SEAL

NO.	DATE	DESCRIPTION	BY

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
 DRAWING TITLE: STORM DRAINAGE PROFILES

PROJ. MGR.: MRJ
 DESIGN BY: BCF
 DRAWN BY: BCF
 PROJ. DATE: 03/08/2018
 DRAWING NUMBER:
19 OF 36
 WKD PROJ. NO.: 20170171.00.AT

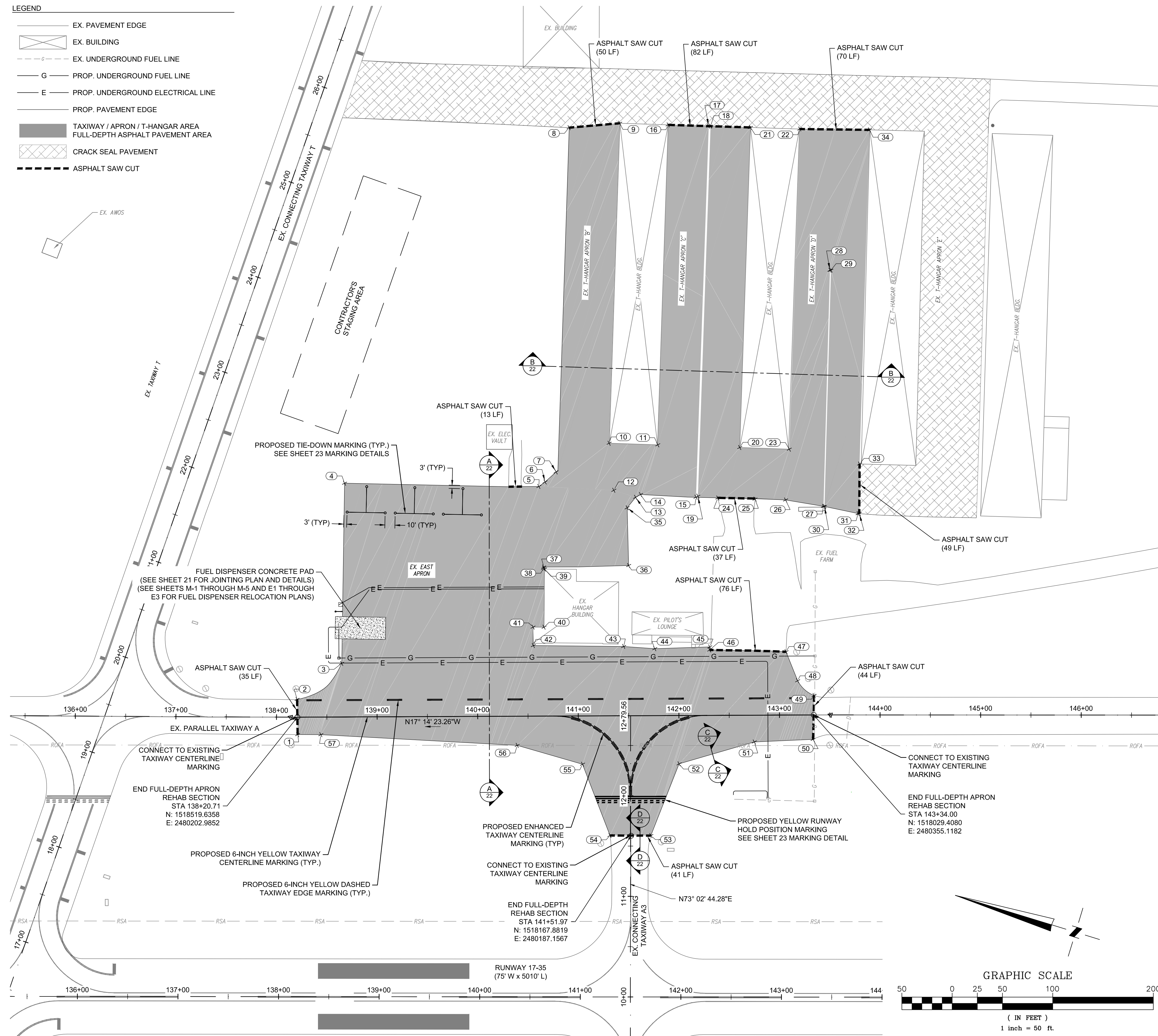
BID DOCUMENT - NOT FOR CONSTRUCTION

COPYRIGHT © W.K. DICKSON & CO., INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENT OF THIS DOCUMENT ADDITIONAL OR WITHOUT THE WRITTEN PERMISSION OF W.K. DICKSON & CO., INC. SHALL BE CONSIDERED TO BE VIOLATION OF THE COPYRIGHT.

- NOTES:**
- SEE SHEETS M-1 THROUGH M-5 FOR FUEL DISPENSER LAYOUT PLAN.
 - SEE SHEETS E1 THROUGH E3 FOR ELECTRICAL PLANS.
 - ALL STATIONS AND OFFSETS ARE REFERENCED FROM THE PROPOSED CONSTRUCTION BASELINE (SEE SHEET 2).

- LEGEND:**
- EX. PAVEMENT EDGE
 - EX. BUILDING
 - EX. UNDERGROUND FUEL LINE
 - G — PROP. UNDERGROUND FUEL LINE
 - E — PROP. UNDERGROUND ELECTRICAL LINE
 - PROP. PAVEMENT EDGE
 - TAXIWAY / APRON / T-HANGAR AREA FULL-DEPTH ASPHALT PAVEMENT AREA
 - CRACK SEAL PAVEMENT
 - ASPHALT SAW CUT

PT ID	NORTHING	EASTING	STATION	OFFSET & SIDE
1	1518514.30	2480186.48	138+18.82	260.53' L
2	1518525.06	2480219.76	138+18.23	295.51' L
3	1518493.15	2480267.00	138+62.52	331.39' L
4	1518542.79	2480439.09	138+65.21	510.48' L
5	1518357.10	2480492.49	140+58.41	507.42' L
6	1518352.48	2480498.57	140+64.60	511.89' L
7	1518344.92	2480511.31	140+75.55	521.87' L
8	1518432.61	2480842.38	140+88.18	864.13' L
9	1518385.80	2480861.28	141+38.47	868.56' L
10	1518302.88	2480554.01	141+28.21	550.46' L
11	1518256.13	2480566.63	141+76.60	548.90' L
12	1518284.75	2480510.64	141+32.91	503.68' L
13	1518261.95	2480510.31	141+54.62	496.72' L
14	1518258.05	2480514.37	141+59.53	499.47' L
15	1518204.58	2480527.98	142+14.65	496.90' L
16	1518339.27	2480873.84	141+86.65	867.00' L
17	1518300.35	2480884.43	142+26.96	865.78' L
18	1518298.58	2480884.91	142+28.79	865.73' L
19	1518203.07	2480529.49	142+16.53	497.90' L
20	1518177.45	2480587.91	142+58.07	546.31' L
21	1518260.26	2480895.33	142+68.48	864.52' L
22	1518212.93	2480908.15	143+17.50	862.99' L
23	1518129.85	2480600.73	143+07.34	544.70' L
24	1518183.58	2480533.56	142+36.36	496.12' L
25	1518147.92	2480543.31	142+73.32	495.05' L
26	1518118.57	2480551.34	143+03.73	494.17' L
27	1518080.70	2480556.26	143+41.39	487.83' L
28	1518143.22	2480782.72	143+47.61	722.69' L
29	1518142.26	2480782.99	143+48.61	722.66' L
30	1518079.74	2480556.52	143+42.39	487.81' L
31	1518045.70	2480559.49	143+75.81	480.72' L
32	1518044.56	2480559.75	143+76.98	480.64' L
33	1518058.68	2480607.07	143+77.27	530.01' L
34	1518146.35	2480927.65	143+86.87	862.23' L
35	1518266.94	2480497.87	141+46.22	486.28' L
36	1518248.76	2480443.41	141+47.73	428.89' L
37	1518328.97	2480417.34	140+63.40	427.33' L
38	1518328.81	2480416.15	140+63.22	426.14' L
39	1518327.72	2480415.61	140+64.10	425.31' L
40	1518311.26	2480360.21	140+63.69	367.52' L
41	1518321.73	2480357.10	140+52.76	367.60' L
42	1518316.10	2480339.65	140+53.07	349.26' L
43	1518229.96	2480365.01	141+42.86	348.41' L
44	1518199.74	2480371.95	141+73.79	346.24' L
45	1518148.01	2480389.58	142+28.41	348.02' L
46	1518147.17	2480386.69	142+28.37	345.02' L
47	1518074.06	2480407.20	143+04.29	343.32' L
48	1518054.60	2480383.00	143+15.85	314.49' L
49	1518034.64	2480373.77	143+32.25	299.85' L
50	1518022.86	2480331.79	143+31.27	256.26' L
51	1518078.00	2480312.18	142+72.81	253.57' L
52	1518143.15	2480269.57	141+98.07	231.80' L
53	1518149.15	2480193.13	141+70.04	160.44' L
54	1518188.02	2480181.29	141+29.42	160.44' L
55	1518234.83	2480241.11	141+02.07	231.32' L
56	1518302.41	2480240.05	140+37.13	250.00' L
57	1518492.21	2480193.18	138+41.90	260.50' L



community infrastructure consultants

2120 POWERS FERRY ROAD
 SUITE 100
 ATLANTA, GA 30339
 (770) 955-5574
 (770) 955-0338
 WWW.WKDICKSON.COM

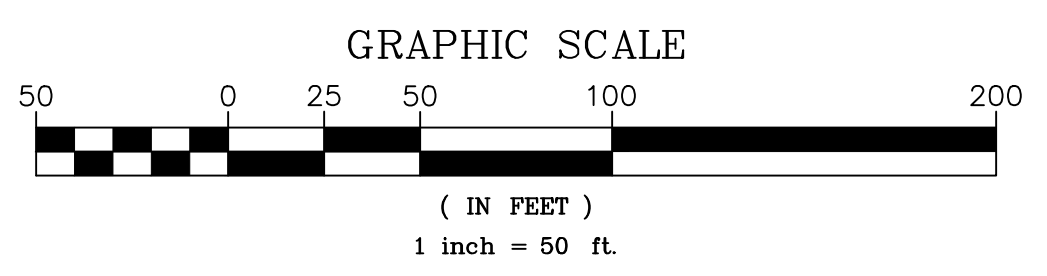
PROFESSIONAL SEAL

REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
 DRAWING TITLE: PAVING, MARKING, AND LAYOUT PLAN

PROJ. MGR.: MRJ
 DESIGN BY: BCF
 DRAWN BY: VALUE
 PROJ. DATE: 03/08/2018
 DRAWING NUMBER: 20 OF 36
 WKD PROJ. NO.: 20170171.00.AT

BID DOCUMENT - NOT FOR CONSTRUCTION



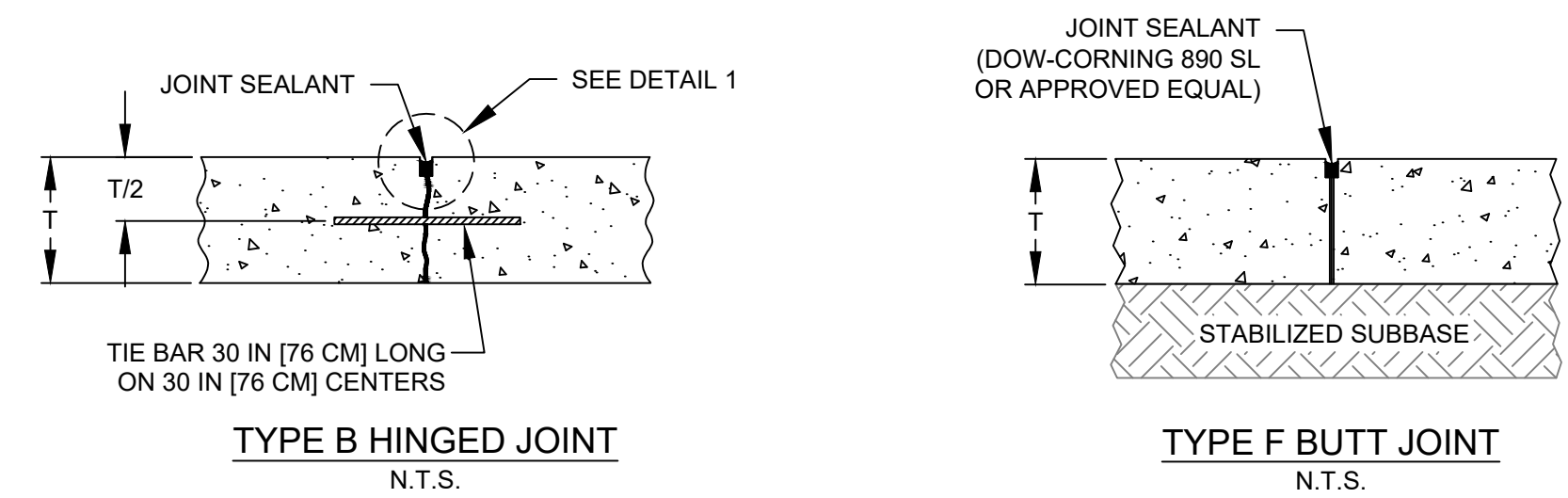
COPYRIGHT © W.K. DICKSON & CO., INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENT OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF W.K. DICKSON & CO., INC. IS PROHIBITED. THIS DOCUMENT IS TO BE USED FOR THE PROJECT AND SITE IDENTIFIED IN THE TITLE BLOCK ONLY. IT IS NOT TO BE USED FOR ANY OTHER PROJECT OR SITE WITHOUT THE WRITTEN PERMISSION OF W.K. DICKSON & CO., INC.

LEGEND

	EX. PAVEMENT EDGE
	PROP. PAVEMENT EDGE
	PROP. PORTLAND CEMENT CONCRETE (PCC)
	PROP. FULL-DEPTH FULL-DEPTH ASPHALT PAVEMENT
	EX. UNDERGROUND FUEL LINE
	PROP. UNDERGROUND FUEL LINE
	PROP. UNDERGROUND ELECTRICAL LINE
	PROP. STORM UNDER DRAIN PIPE
	EX. TAXIWAY OBJECT FREE AREA (TOFA)

NOTES:

- SEE SHEET M-4 FOR LOCATIONS OF FUEL DISPENSERS, BOLLARDS, CARD READER, AND ELEVATED WARNING LIGHTS.
- SEE SHEETS E1 THROUGH E3 FOR ELECTRICAL PLANS.
- ALL STATIONS AND OFFSETS ARE REFERENCED FROM THE PROPOSED CONSTRUCTION BASELINE (SEE SHEET 2).

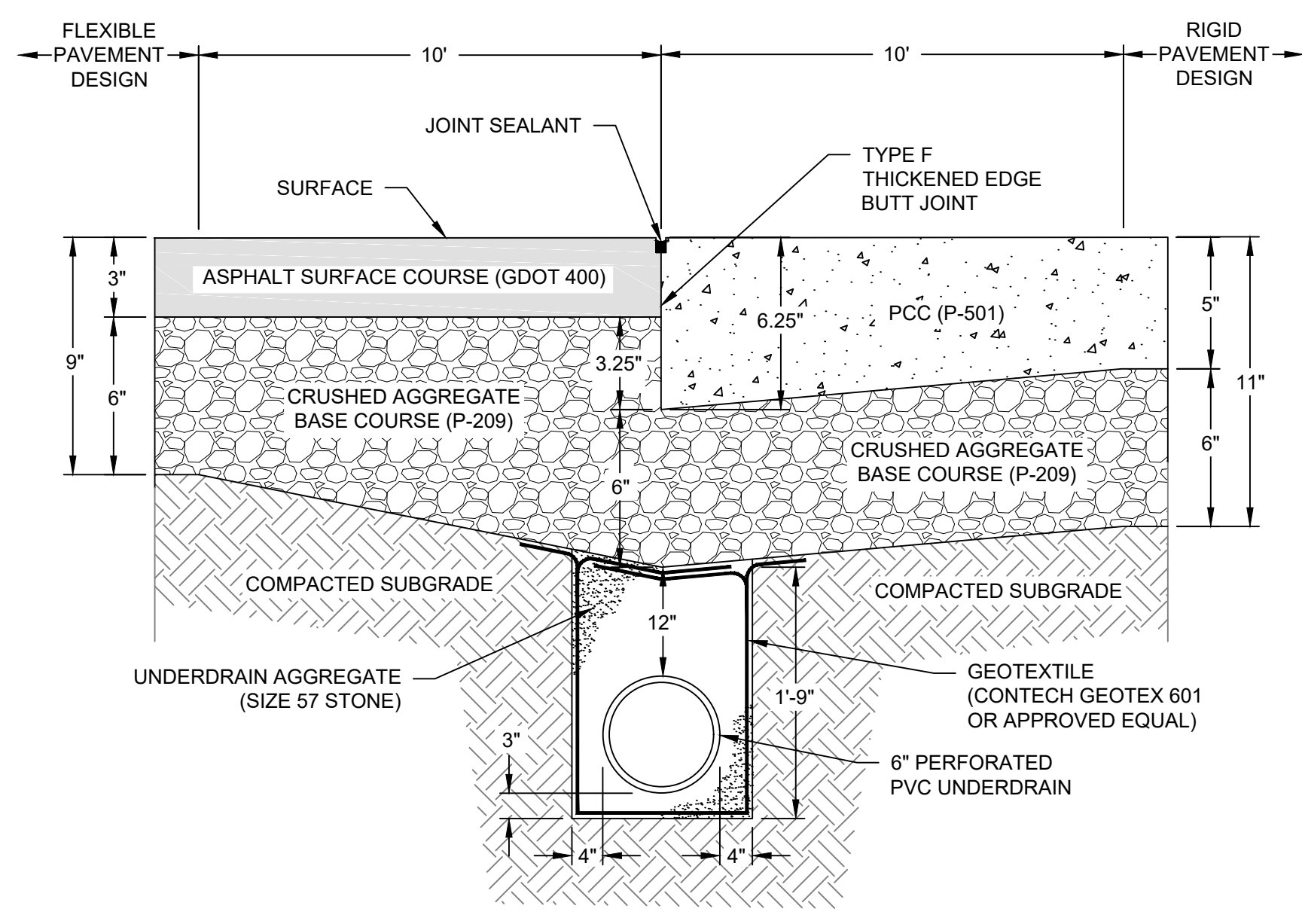


PAVEMENT LAYOUT TABLE

PT ID	NORTHING	EASTING	STATION	OFFSET & SIDE
58	1518512.67	2480309.71	138+56.31	377.93' L
59	1518505.94	2480311.65	138+63.31	377.83' L
60	1518464.64	2480323.60	139+06.30	377.21' L
61	1518458.52	2480302.46	139+05.99	355.22' L
62	1518499.83	2480290.52	138+62.99	355.83' L
63	1518506.56	2480288.58	138+55.99	355.94' L
64	1518513.68	2480324.00	138+59.51	391.90' L
65	1518509.84	2480325.11	138+63.51	391.84' L
66	1518508.72	2480321.27	138+63.45	387.84' L
67	1518512.57	2480320.16	138+59.45	387.90' L

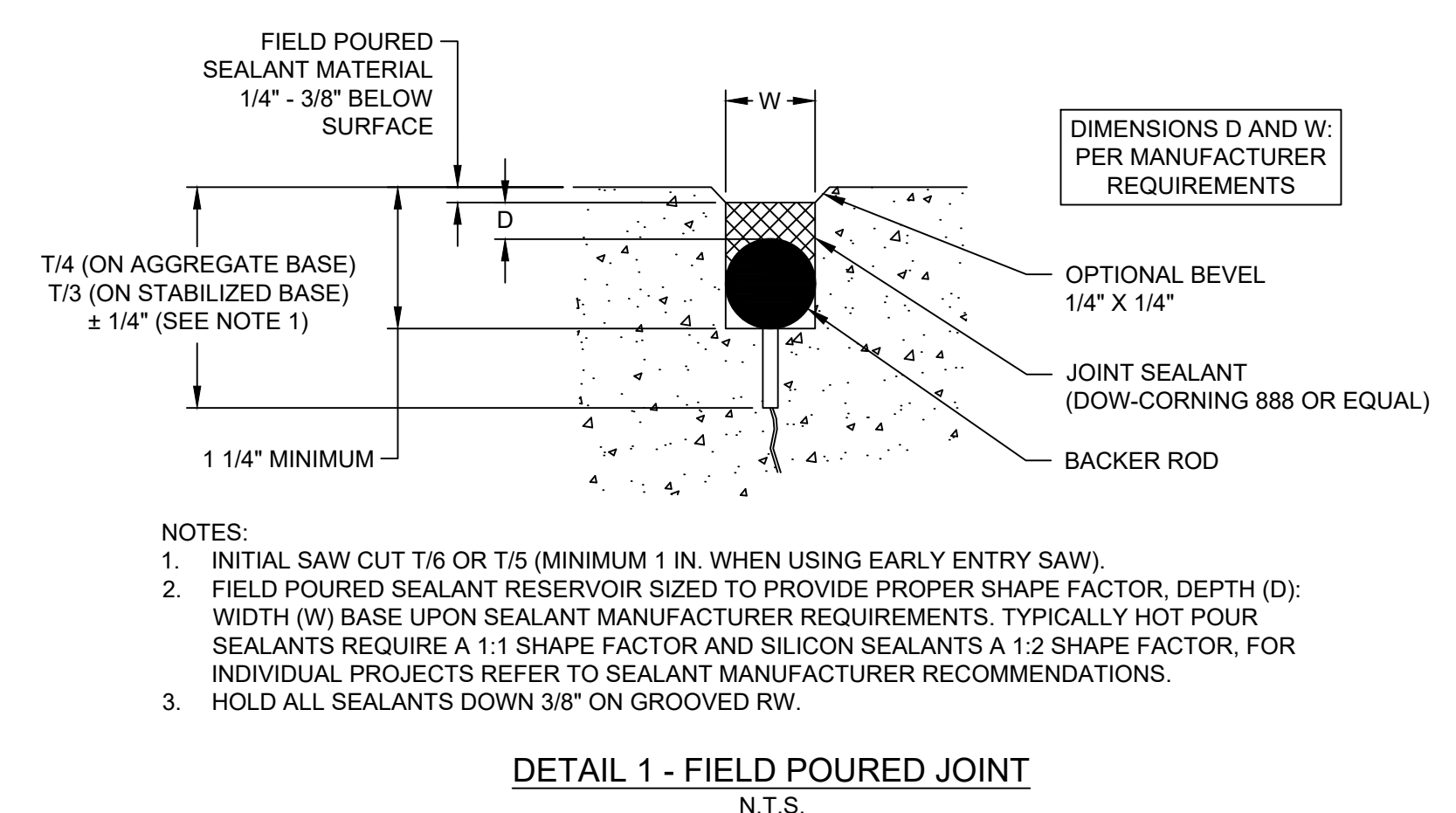
PCC JOINT TYPES

F	THICKENED EDGE BUTT JOINT
B	HINGED CONTRACTION JOINT



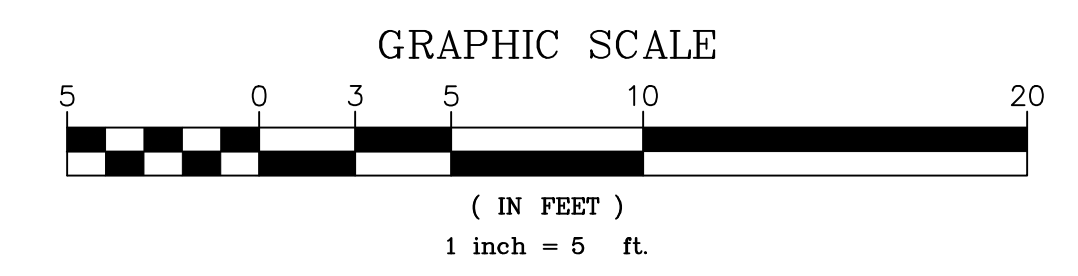
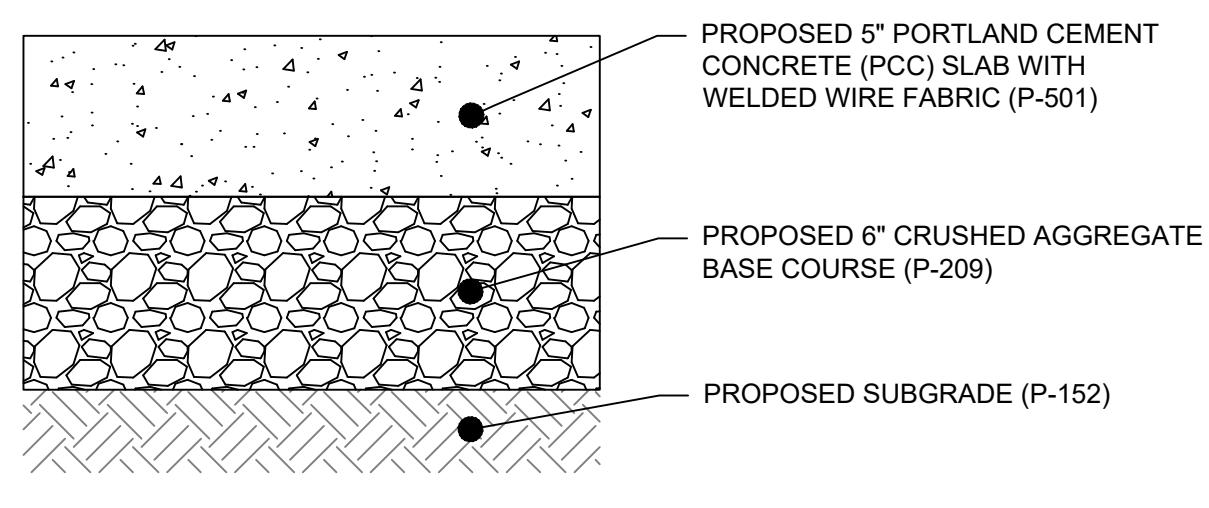
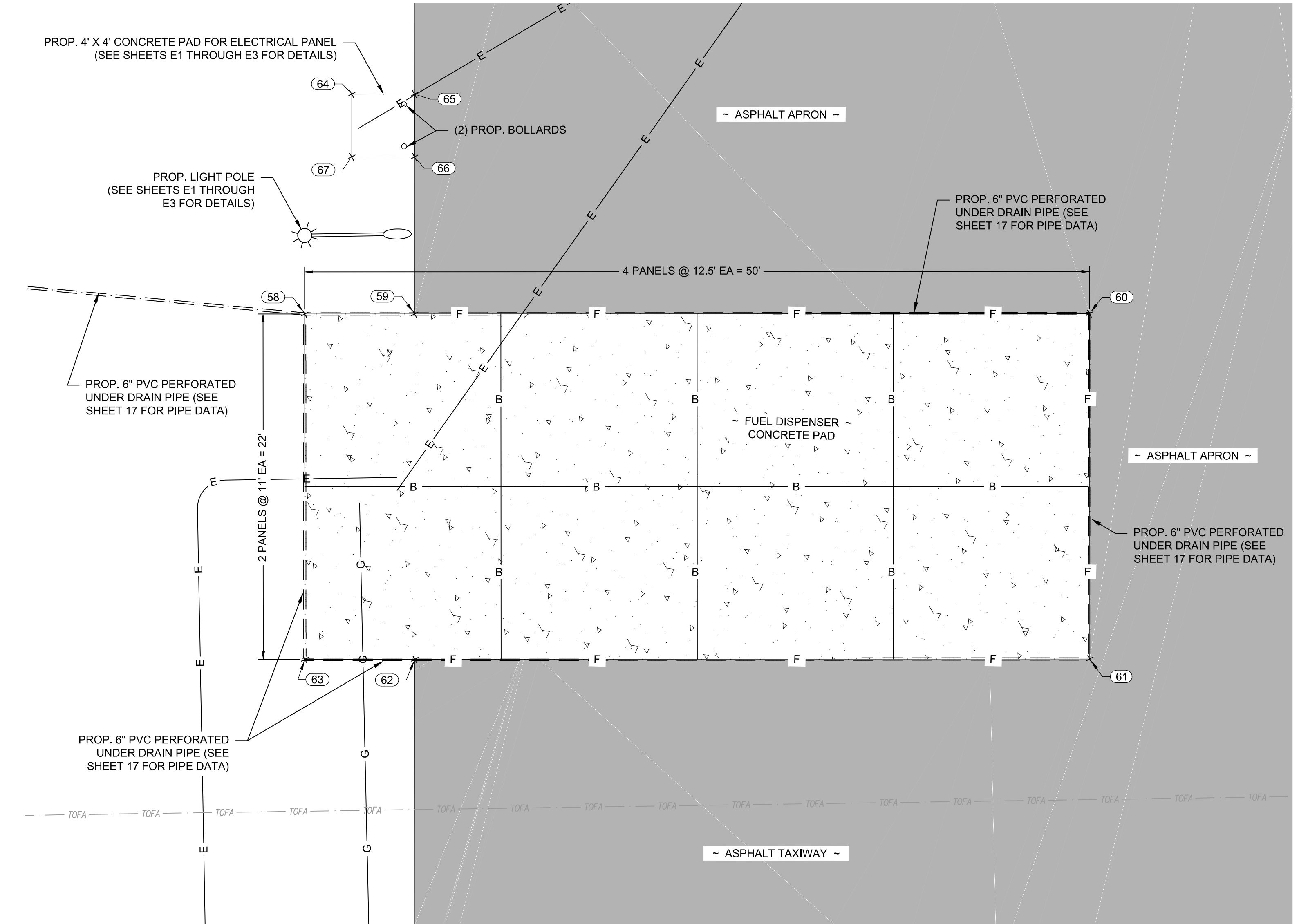
UNDER DRAIN NOTES:

- CONSTRUCT UNDERDRAIN AND FOLD GEOTEXTILE OVER UNDERDRAIN AGGREGATE TO PROTECT THE UNDERDRAIN UNTIL THE AGGREGATE BASE COURSE IS CONSTRUCTED. FOLD THE GEOTEXTILE BACK AND CONSTRUCT THE AGGREGATE BASE COURSE. GEOTEXTILE SEAMS SHALL BE OVERLAPPED AT A MINIMUM OF 12".
- 6" PERFORATED PVC UNDERDRAIN, UNDERDRAIN AGGREGATE, AND GEOTEXTILE ARE INCIDENTAL TO P-501 PCC COST. NO SEPARATE PAYMENT SHALL BE MADE FOR THESE ITEMS.



NOTES:

- INITIAL SAW CUT T/6 OR T/5 (MINIMUM 1 IN. WHEN USING EARLY ENTRY SAW).
- FIELD POURED SEALANT RESERVOIR SIZED TO PROVIDE PROPER SHAPE FACTOR, DEPTH (D): WIDTH (W) BASE UPON SEALANT MANUFACTURER REQUIREMENTS. TYPICALLY HOT POUR SEALANTS REQUIRE A 1:1 SHAPE FACTOR AND SILICON SEALANTS A 1:2 SHAPE FACTOR, FOR INDIVIDUAL PROJECTS REFER TO SEALANT MANUFACTURER RECOMMENDATIONS.
- HOLD ALL SEALANTS DOWN 3/8" ON GROOVED RW.



WK DICKSON
community infrastructure consultants

2120 POWERS FERRY ROAD
SUITE 100
ATLANTA, GA 30339
(770) 955-5574
(770) 955-0338
WWW.WKDICKSON.COM

PROFESSIONAL SEAL

REVISION	DATE	DESCRIPTION

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA

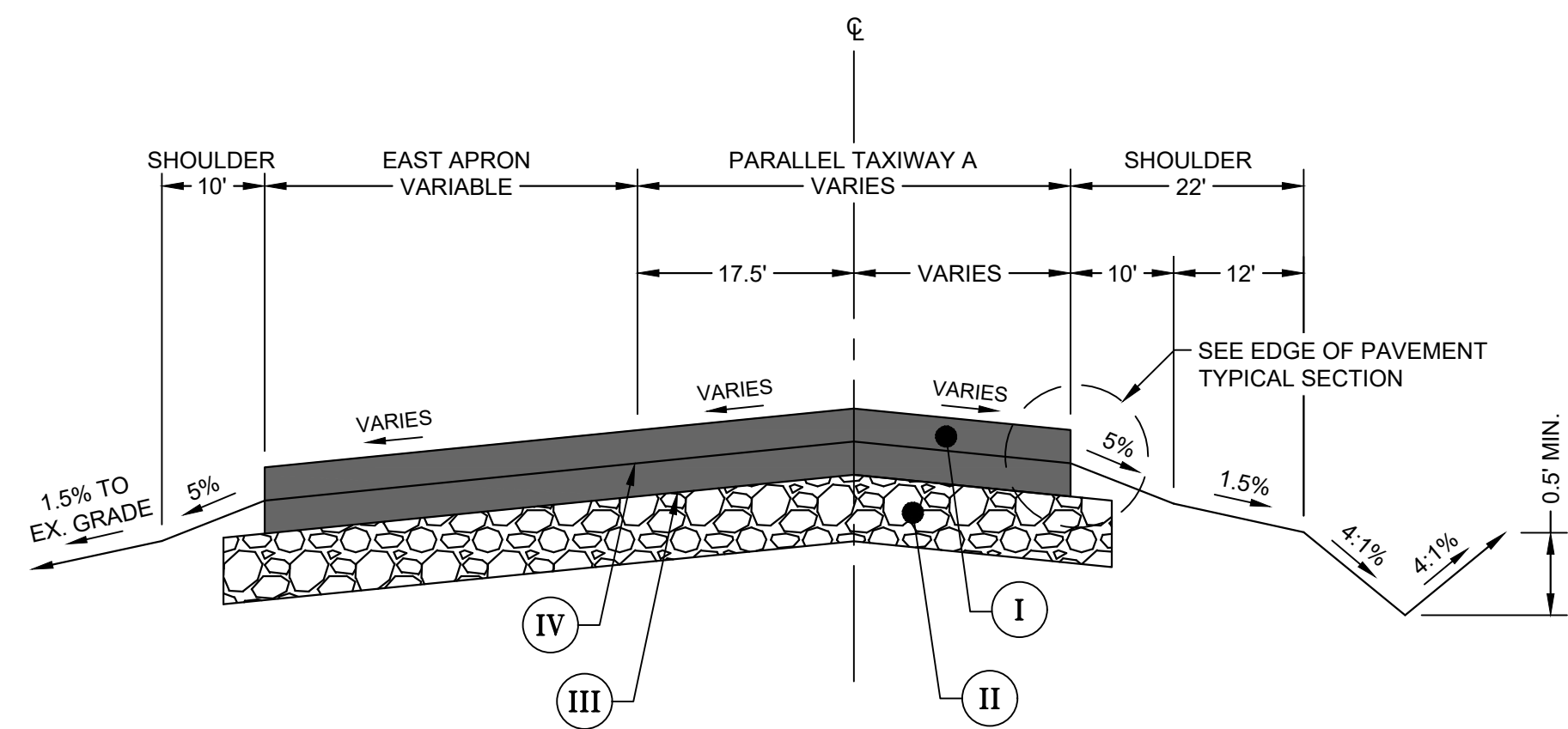
DRAWING TITLE: FUEL DISPENSER CONCRETE PAD LAYOUT PLAN

PROJ. MGR.:	MRJ
DESIGN BY:	BCF
DRAWN BY:	VALUE
PROJ. DATE:	03/08/2018
DRAWING NUMBER:	21 OF 36

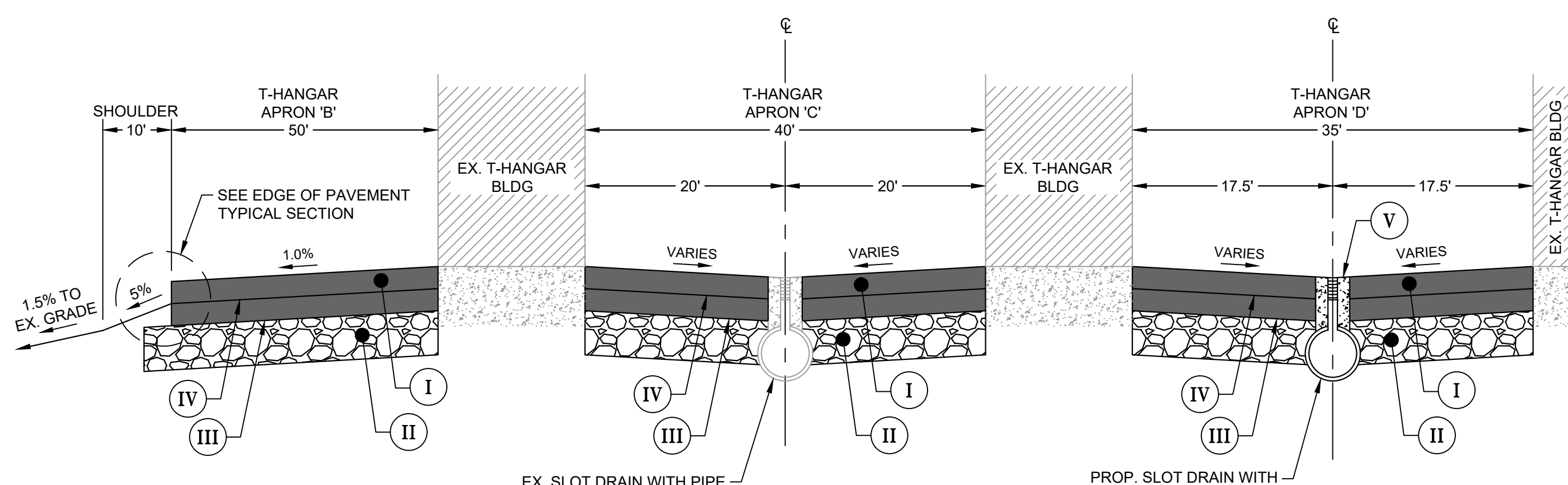
WKD PROJ. NO.: 20170171.00.AT

BID DOCUMENT - NOT FOR CONSTRUCTION

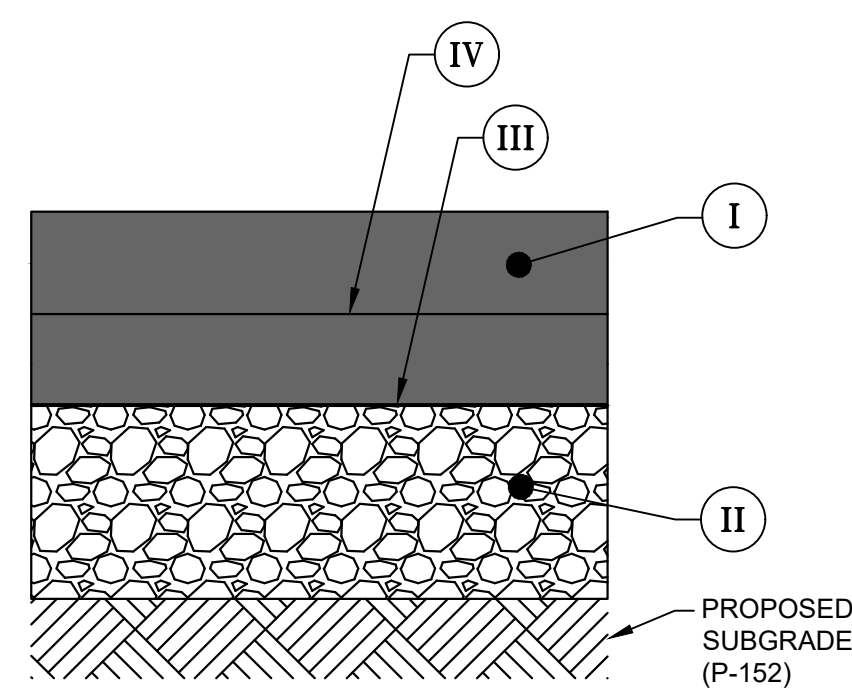
COPYRIGHT © W.K. DICKSON & CO., INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENTS OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF W.K. DICKSON & CO., INC. IS PROHIBITED. THE INFORMATION CONTAINED HEREIN IS FOR THE PROJECT AND SITE SPECIFIC AND IS NOT TO BE USED FOR ANY OTHER PROJECT OR SITE WITHOUT THE WRITTEN PERMISSION OF W.K. DICKSON & CO., INC.



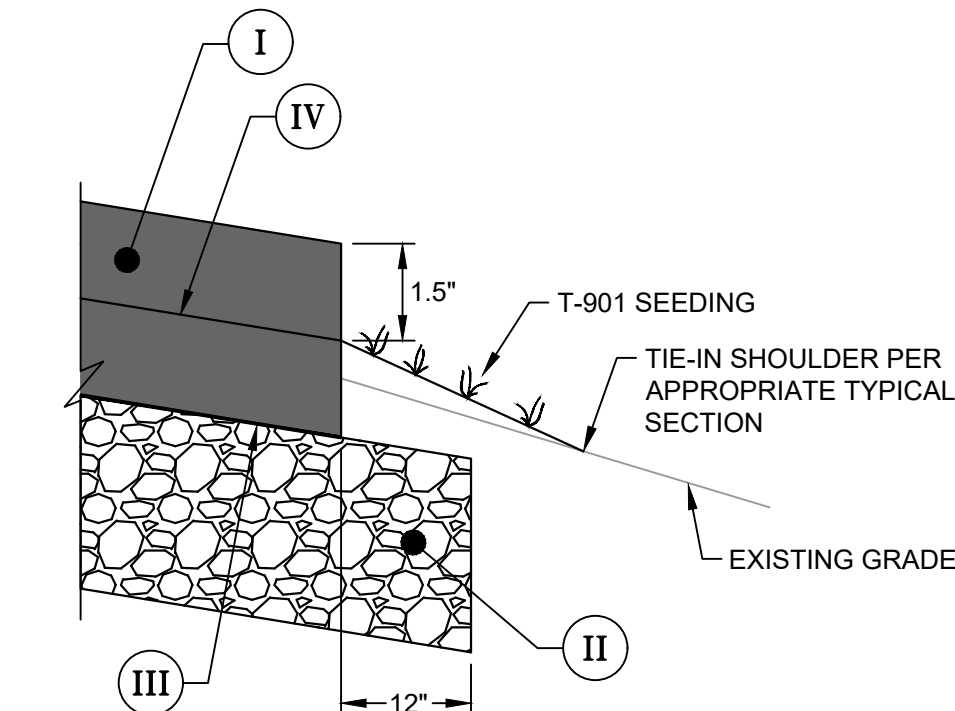
A PARALLEL TAXIWAY A - EAST APRON TYPICAL SECTION
NOT TO SCALE



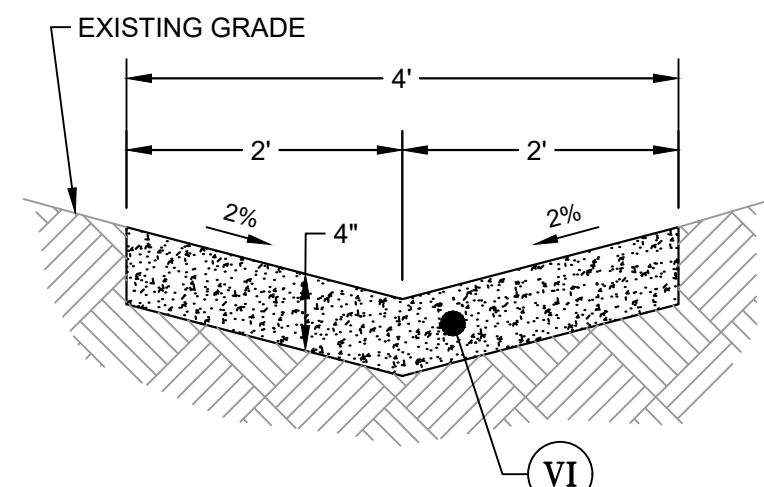
B T-HANGAR APRONS TYPICAL SECTION
NOT TO SCALE



C NEW FULL DEPTH PAVEMENT TYPICAL SECTION
NOT TO SCALE

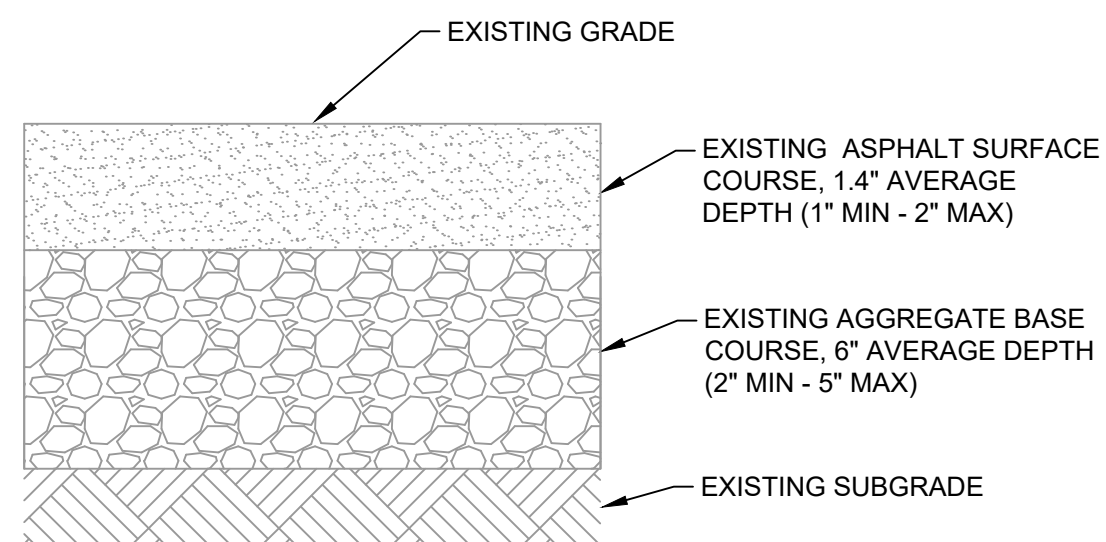


D EDGE OF PAVEMENT TYPICAL SECTION
NOT TO SCALE



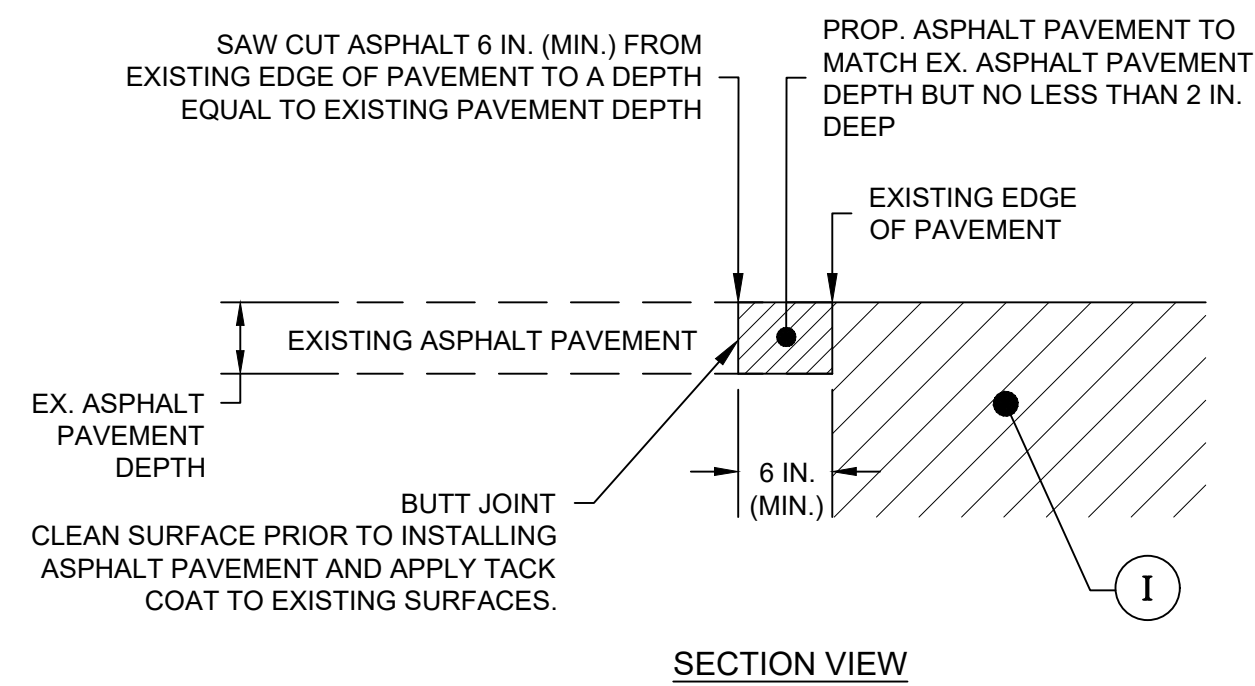
JOINT NOTES:
 1. DUMMY-GROOVED JOINTS NOT TO EXCEED 25' APART, EXCEPT WHERE SHORTER LENGTHS ARE NECESSARY FOR CLOSURES, BUT NO SECTION SHALL BE LESS THAN 4' LONG.
 2. EXPANSION JOINTS SHALL BE CONSTRUCTED TO REPLACE A DUMMY GROOVE AT SPACING OF APPROXIMATELY 100'.

E CONCRETE PAVED DITCH TYPICAL SECTION
NOT TO SCALE



NOTE: SEE GEOTECH REPORT "REPORT OF GEOTECHNICAL EXPLORATION" FOR JACKSON COUNTY AIRPORT (PROJECT NO. G17WKD01) PREPARED BY CONTOUR ENGINEERING DATED JULY 31, 2017 FOR SUBSURFACE CONDITIONS, AIRPORT PAVEMENT BORING LOCATIONS, AND DETAILS.

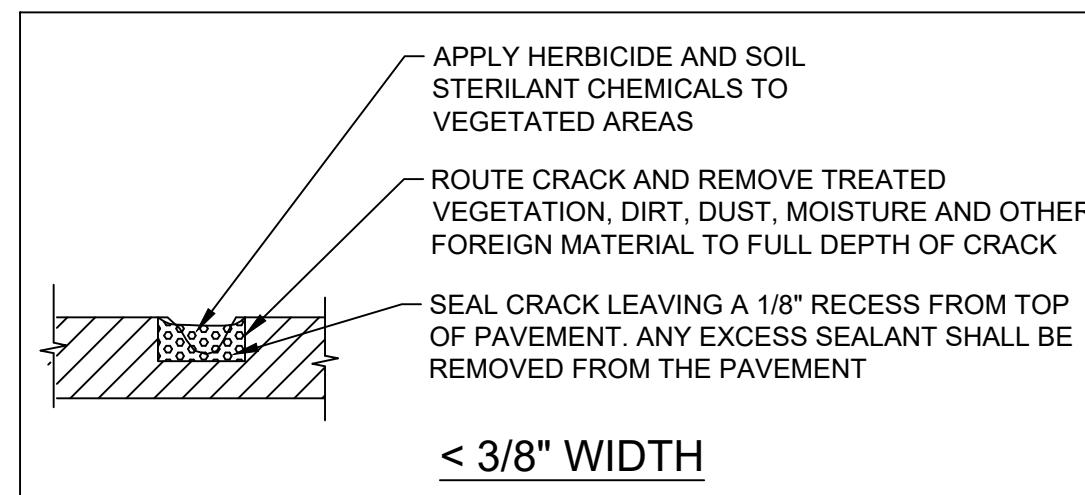
F EXISTING PAVEMENT TYPICAL SECTION
NOT TO SCALE



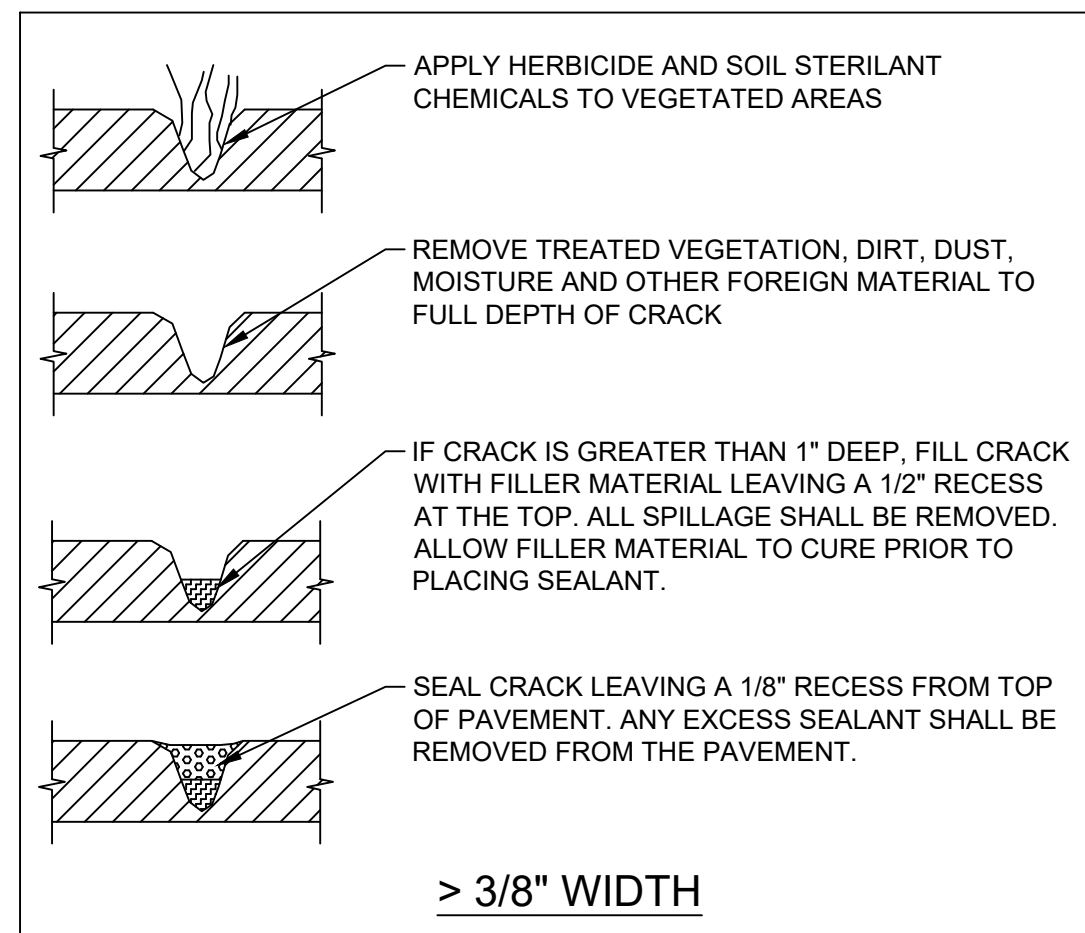
G PAVEMENT SAWCUT & REMOVAL TYPICAL SECTION
NOT TO SCALE

REQUIRED PAVEMENT (ALL SECTIONS)

- I** GDOT 402 BITUMINOUS SURFACE COURSE, 3" THICK, PLACED IN TWO 1.5" LIFTS
- II** FAA P-209 CRUSHED AGGREGATE BASE COURSE, 6" THICK
- III** FAA P-602 PRIME COAT
- IV** FAA P-603 TACK COAT
- V** FAA D-702 CONCRETE FOR BACKFILL
- VI** FAA D-754 CONCRETE DITCH, 4" THICK



H < 3/8" WIDTH

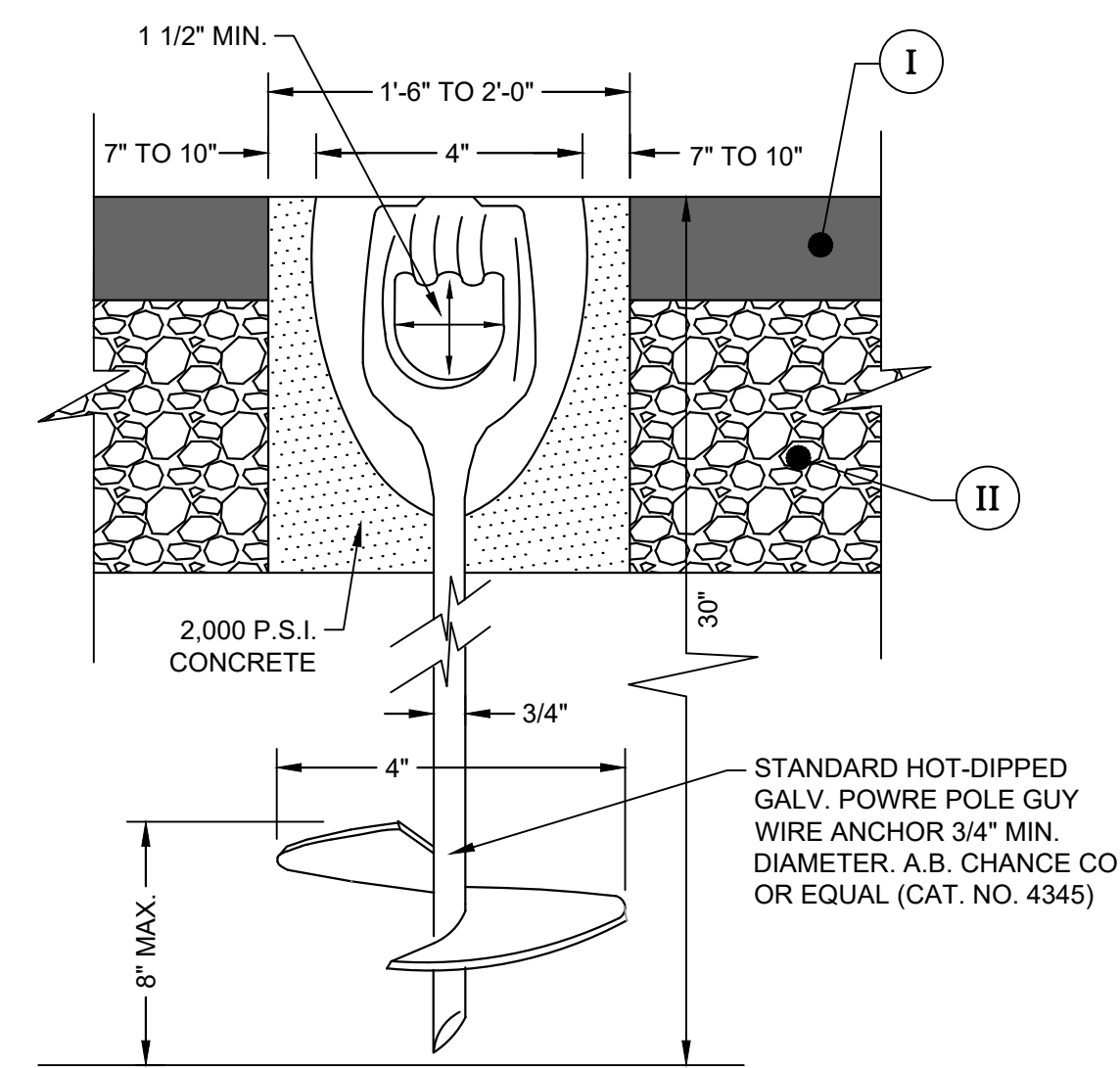


I > 3/8" WIDTH

CRACK SEAL NOTES:

CONTRACTOR IS RESPONSIBLE FOR ALL MARKING TOUCH-UP WHERE NEW JOINT AND CRACK REPAIR HAS RESULTED IN THE REMOVAL, DAMAGE AND/OR COVERING UP OF EXISTING MARKINGS. IF EXISTING MARKING THAT ARE NOT A PART OF THE PROPOSED MARKING PLANS (WITHIN THIS PLAN SET) ARE REMOVED, DAMAGED AND/OR COVERED UP, THEN IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM MARKING TOUCH-UPS AT NO ADDITIONAL COST TO THE OWNER. COSTS FOR ALL MATERIALS, LABOR, EQUIPMENT, ETC. ASSOCIATED WITH THE MARKING TOUCH-UPS SHALL BE CONSIDERED INCIDENTAL TO THE WORK FOR JOINT AND CRACK REPAIR (PAID PER LINEAR FOOT) AND SHALL BE APPLIED USING THE CORRECT PAINT COLOR AND IN ACCORDANCE WITH SPECIFICATION P-620 FOR FULL APPLICATION INCLUDING REFLECTIVE MEDIA (WHERE APPLICABLE).

ASPHALT PAVEMENT CRACK SEALING DETAIL
NOT TO SCALE



NOTES:
 1. TIEDOWN ANCHORS FOR SINGLE-ENGINE AIRCRAFT SHALL PROVIDE A MINIMUM HOLDING POWER (STRENGTH) OF APPROXIMATELY 3,000 LBS EACH.
 2. THE TIEDOWN ANCHOR EYE SHALL NOT PROTRUDE MORE THAN 1" ABOVE GROUND.

J TYPICAL NEW TIE DOWN ANCHOR DETAIL
NOT TO SCALE

CONCRETE FUEL DISPENSER PAD NOTE

SEE SHEET 21 FOR CONCRETE FUEL DISPENSER PAD LAYOUT, TYPICAL SECTION, JOINTING DETAILS, AND NOTES.

PROFESSIONAL SEAL

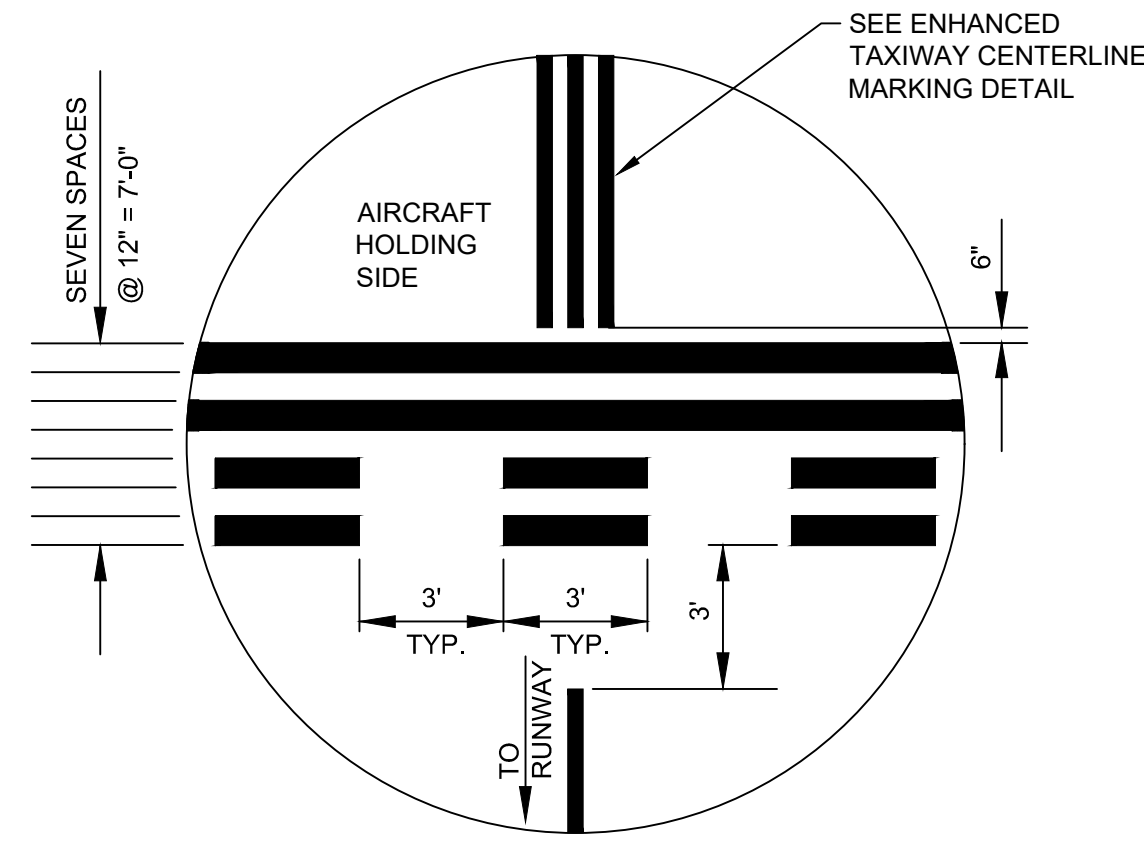
REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
DRAWING TITLE: PAVEMENT DETAILS

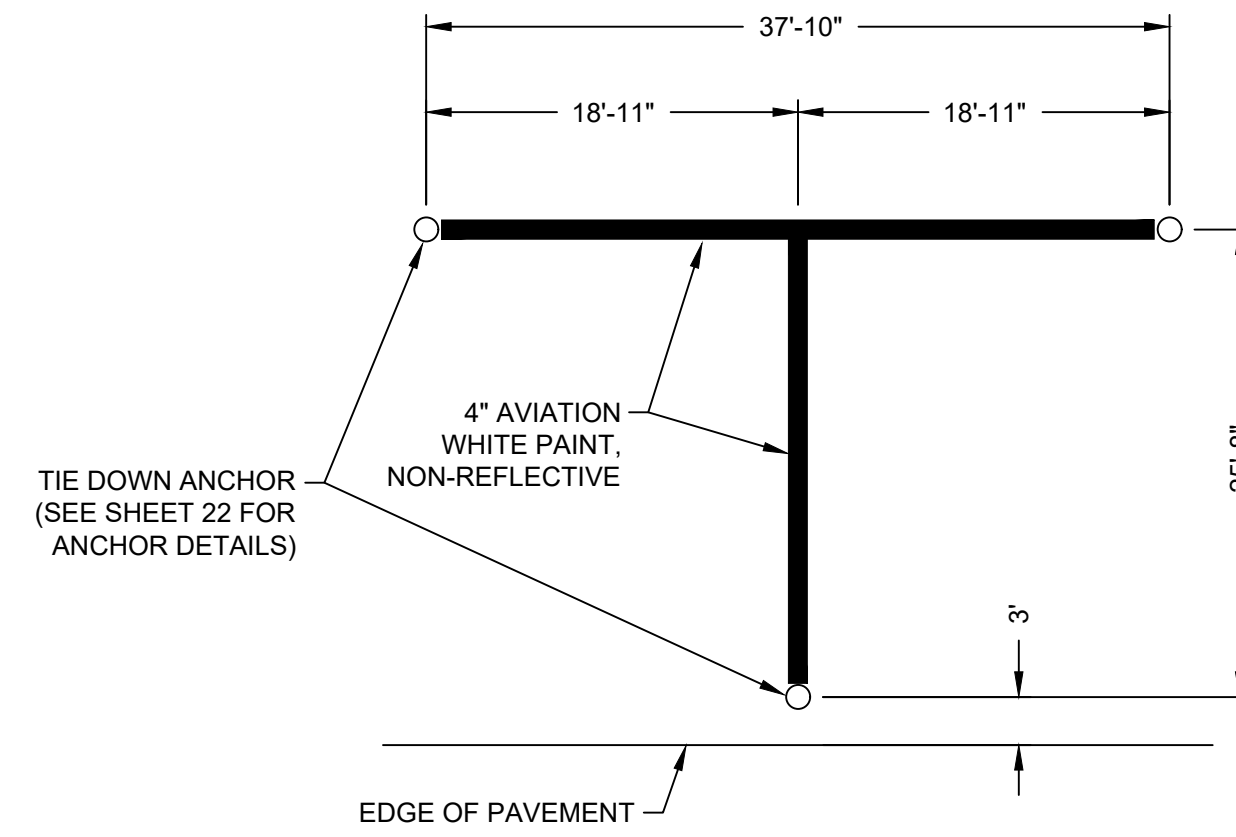
PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: BCF
PROJ. DATE: 03/08/2018
DRAWING NUMBER:

BID DOCUMENT - NOT FOR CONSTRUCTION

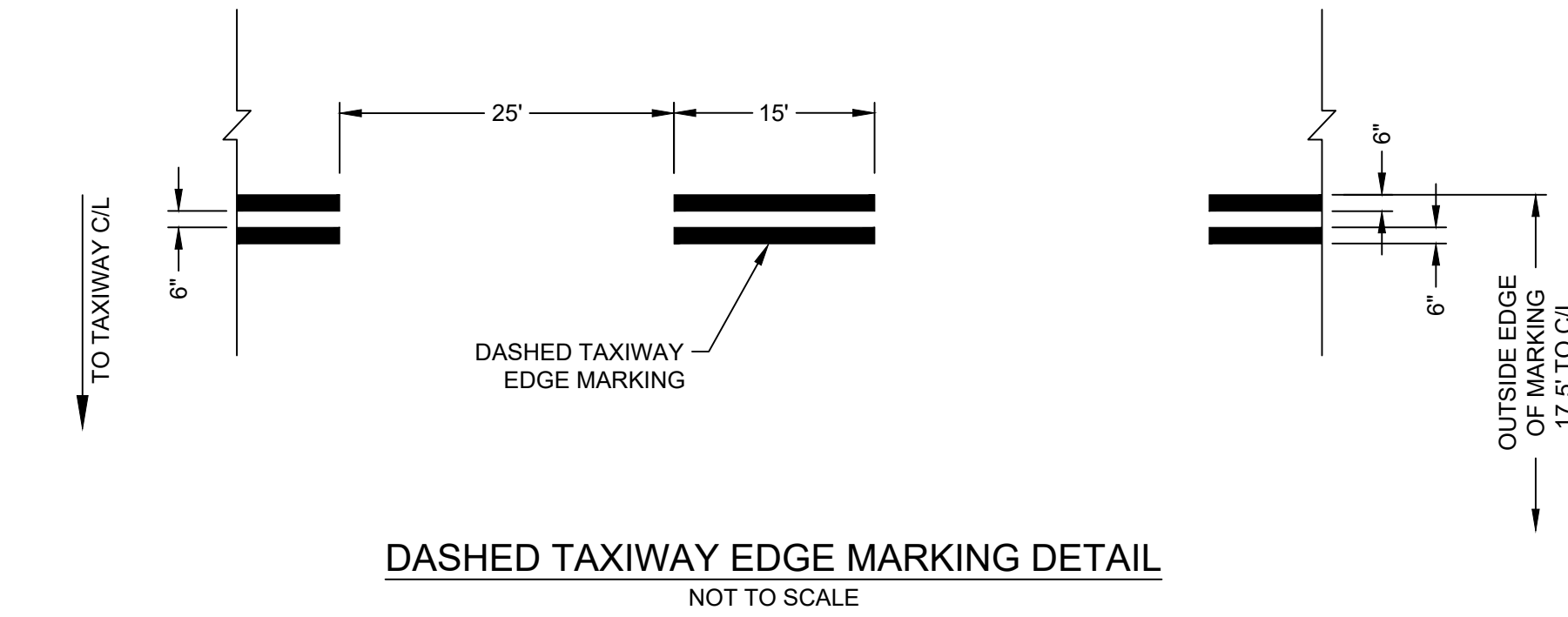
COPYRIGHT © W.K. DICKSON & CO., INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENTS OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF W.K. DICKSON & CO., INC. IS PROHIBITED. THIS DRAWING IS THE PROPERTY OF W.K. DICKSON & CO., INC. AND SHALL BE KEPT IN CONFIDENTIALITY.



RUNWAY HOLDING POSITION MARKING DETAIL
NOT TO SCALE



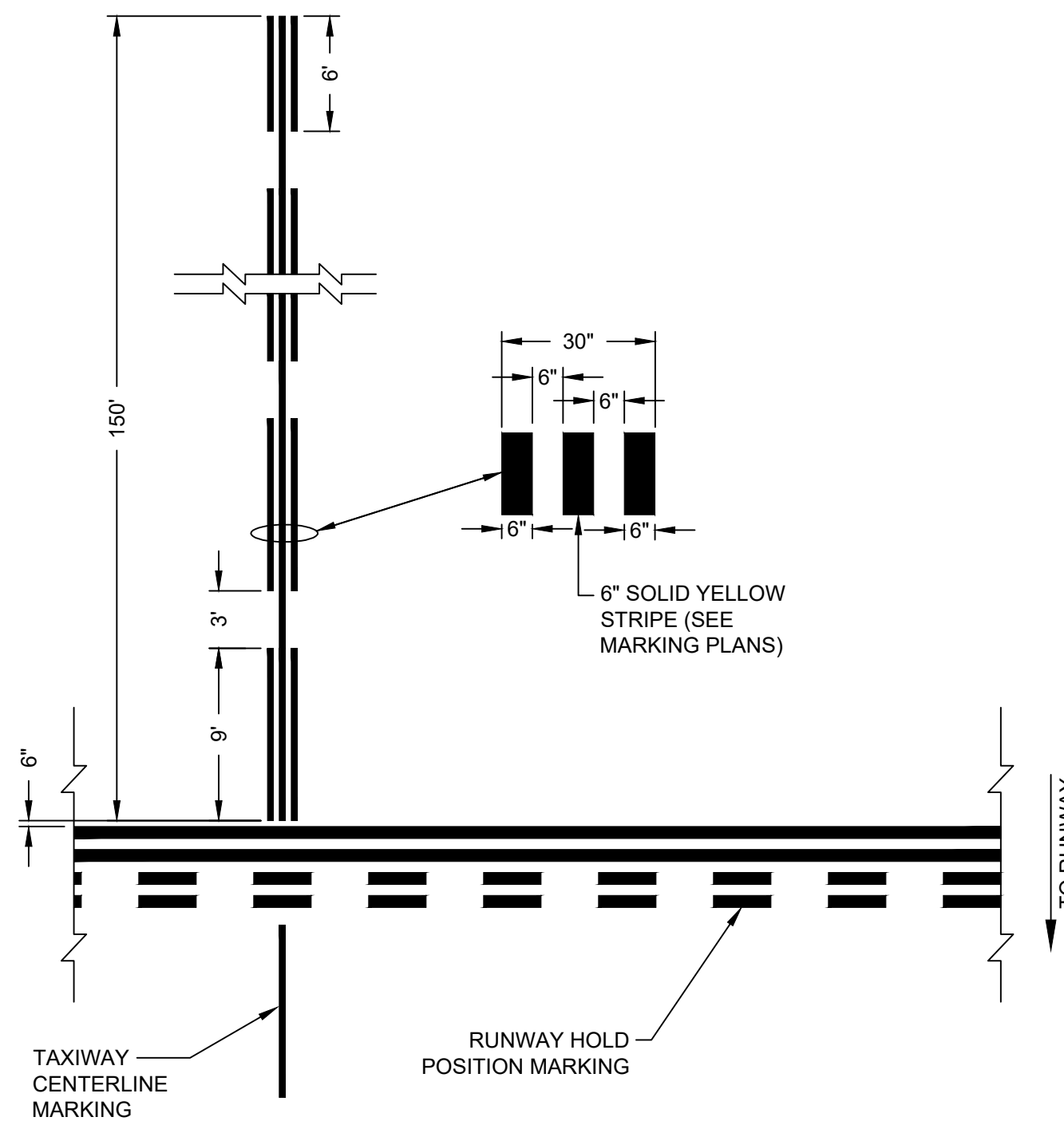
TIE DOWN LAYOUT DETAIL
NOT TO SCALE



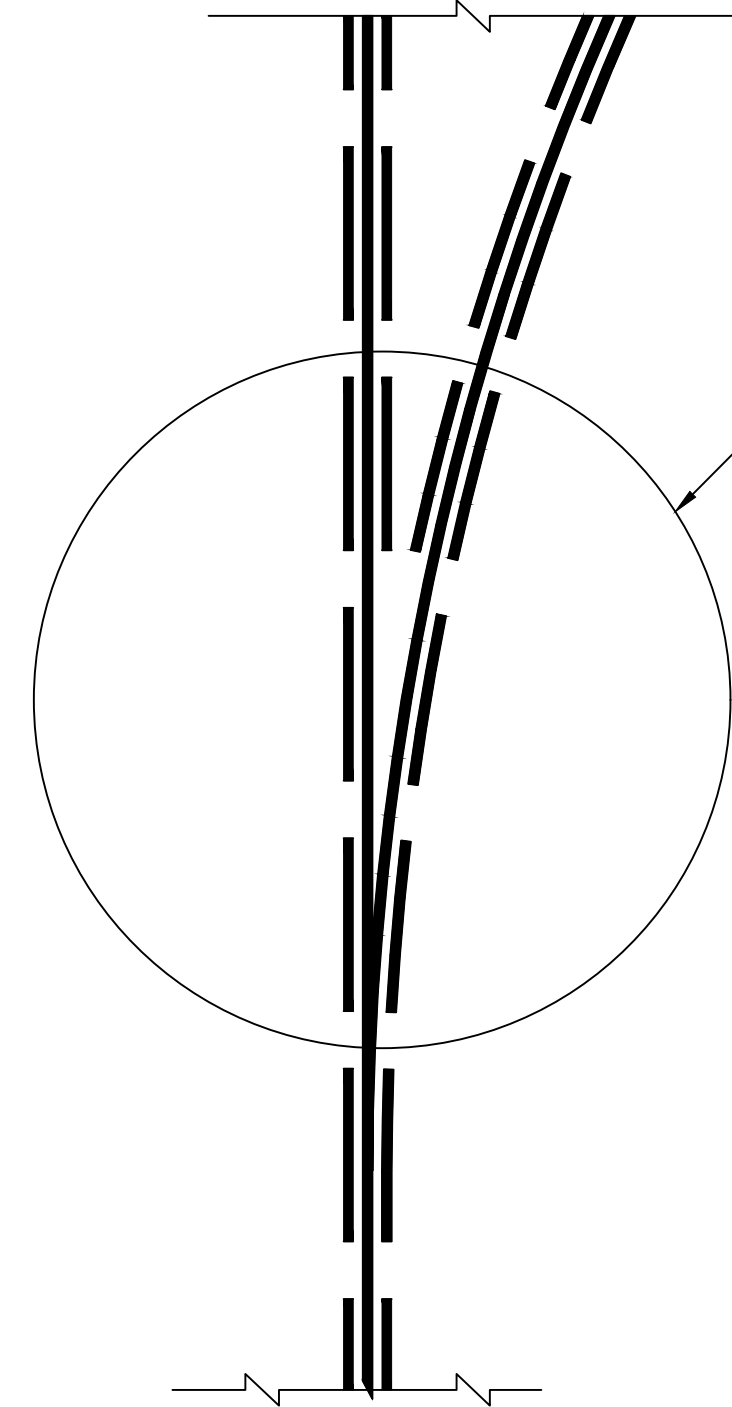
DASHED TAXIWAY EDGE MARKING DETAIL
NOT TO SCALE



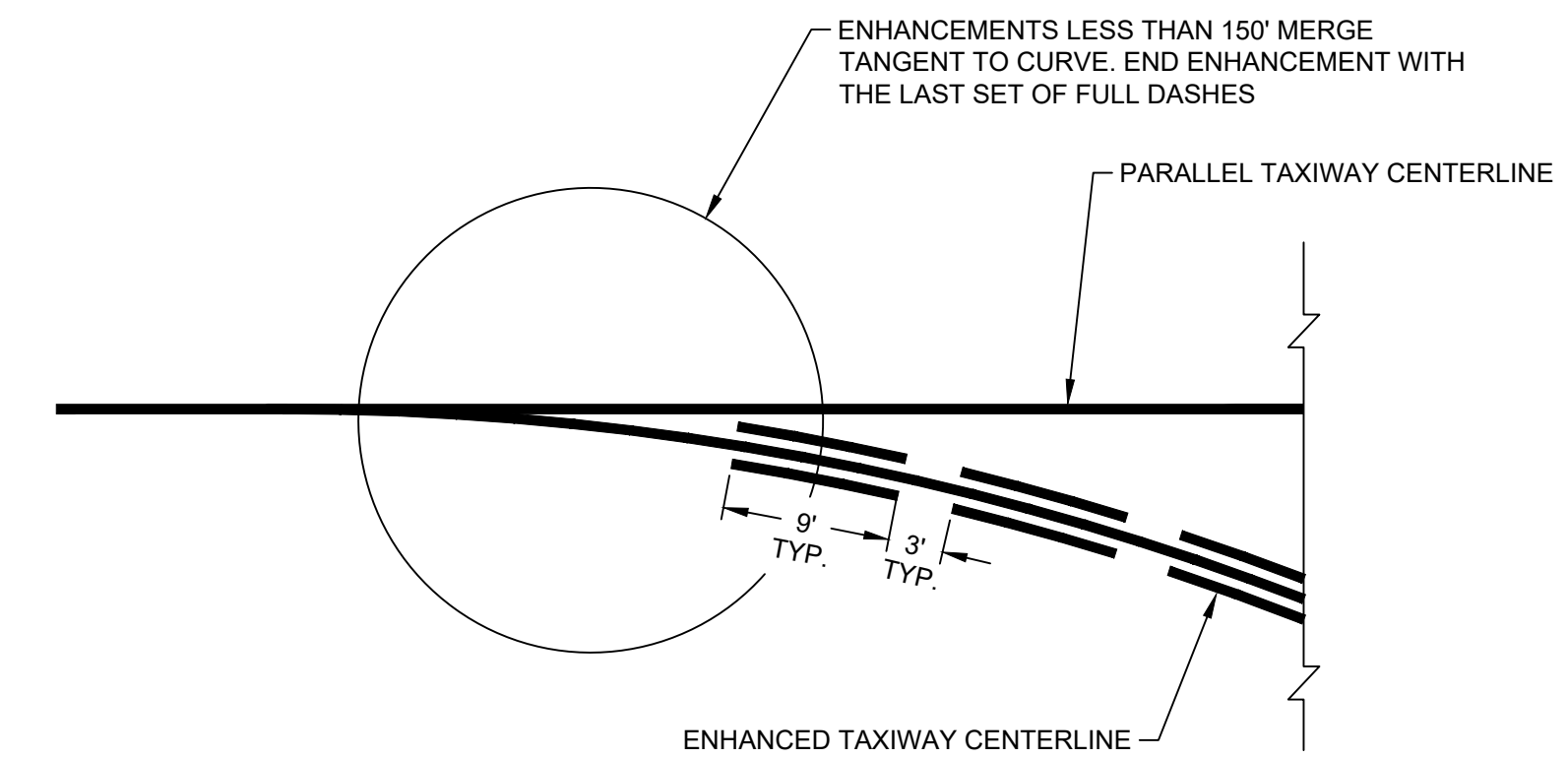
TAXIWAY CENTERLINE DETAIL
NOT TO SCALE



**ENHANCED TAXIWAY CENTERLINE MARKING DETAIL:
CONVERGENCE WITH RUNWAY HOLDING POSITION MARKING**
NOT TO SCALE



**ENHANCED TAXIWAY CENTERLINE MARKING DETAIL:
CONVERGENCE OF TWO ENHANCED TAXIWAY CENTERLINES**
NOT TO SCALE



**ENHANCED TAXIWAY CENTERLINE MARKING DETAIL:
CONVERGENCE WITH PARALLEL TAXIWAY CENTERLINE FOR
ENHANCEMENTS LESS THAN 150FT**
NOT TO SCALE

MARKING NOTES:

- ALL PAVEMENT MARKINGS SHALL CONFORM TO THE CURRENT VERSION OF FAA ADVISORY CIRCULAR 150/5340-1.
- ALL TAXIWAY CENTERLINE MARKINGS, RUNWAY HOLDING POSITION MARKINGS, APRON MARKINGS, AND T-HANGAR TAXIWAY MARKINGS SHALL BE REFLECTIVE AVIATION YELLOW WITH GLASS BEADS. ALL TIE DOWN MARKINGS SHALL BE NON-REFLECTIVE AVIATION WHITE.

PROFESSIONAL SEAL

REVISION RECORD

NO.	DATE	DESCRIPTION	BY

PROJECT NAME: **RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA**

DRAWING TITLE: **MARKING DETAILS**

PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: BCF
PROJ. DATE: 03/08/2018
DRAWING NUMBER:

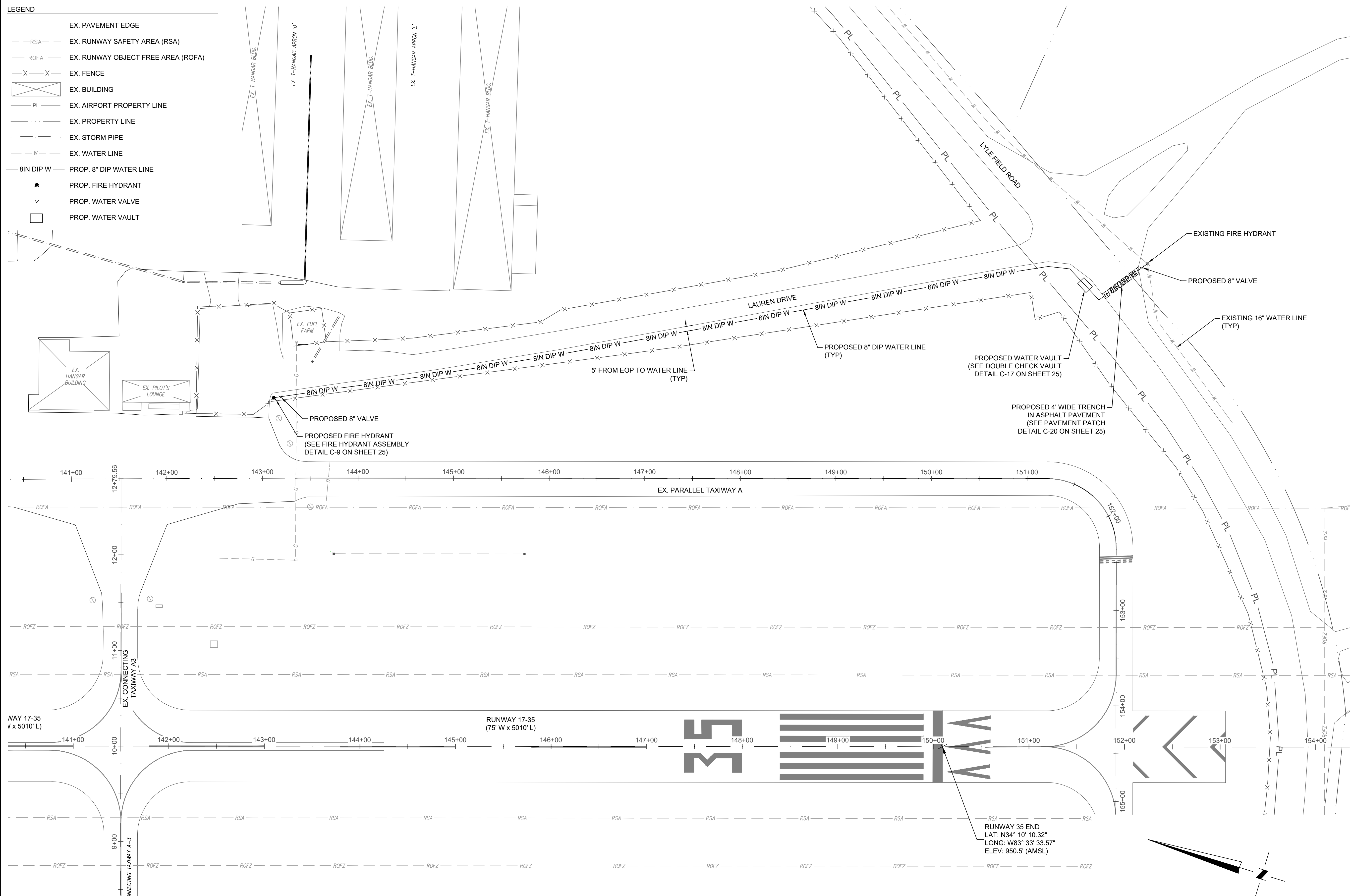
23 OF 36
WKD PROJ. NO.:
20170171.00.AT

BID DOCUMENT - NOT FOR CONSTRUCTION

FILE PATH: J:\Projects\Jackson County Airport\RSA\Improvements\Design\20170171_02_PMT_Details_BDP.dwg (BPEMAN)CH: B330918 7/13/2018

COPYRIGHT © WK DICKSON & CO. INC. ALL RIGHTS RESERVED. REPRODUCTION OR USE OF THE CONTENT OF THIS DOCUMENT ADDITIONAL OR
 FROM THE ORIGINAL OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF WK DICKSON & CO. INC. SHALL BE CONSIDERED TO BE A VIOLATION.

- LEGEND**
- EX. PAVEMENT EDGE
 - - - RSA - EX. RUNWAY SAFETY AREA (RSA)
 - - - ROFA - EX. RUNWAY OBJECT FREE AREA (ROFA)
 - X-X- EX. FENCE
 - EX. BUILDING
 - PL — EX. AIRPORT PROPERTY LINE
 - - - EX. PROPERTY LINE
 - - - EX. STORM PIPE
 - - - EX. WATER LINE
 - 8IN DIP W- PROP. 8" DIP WATER LINE
 - PROP. FIRE HYDRANT
 - ∇ PROP. WATER VALVE
 - PROP. WATER VAULT



2120 POWERS FERRY ROAD
 SUITE 100
 ATLANTA, GA 30339
 (770) 955-5574
 (770) 955-0338
 WWW.WKDICKSON.COM

PROFESSIONAL SEAL

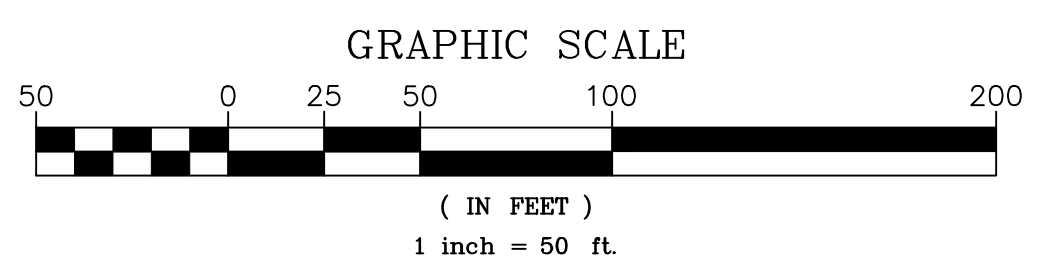
NO.	REVISION RECORD	DESCRIPTION	DATE	BY

PROJECT NAME: RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA
DRAWING TITLE: WATER UTILITY PLAN

PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: VALUE
PROJ. DATE: 03/08/2018
DRAWING NUMBER:
24 OF 36
 WKD PROJ. NO.: 20170171.00.AT

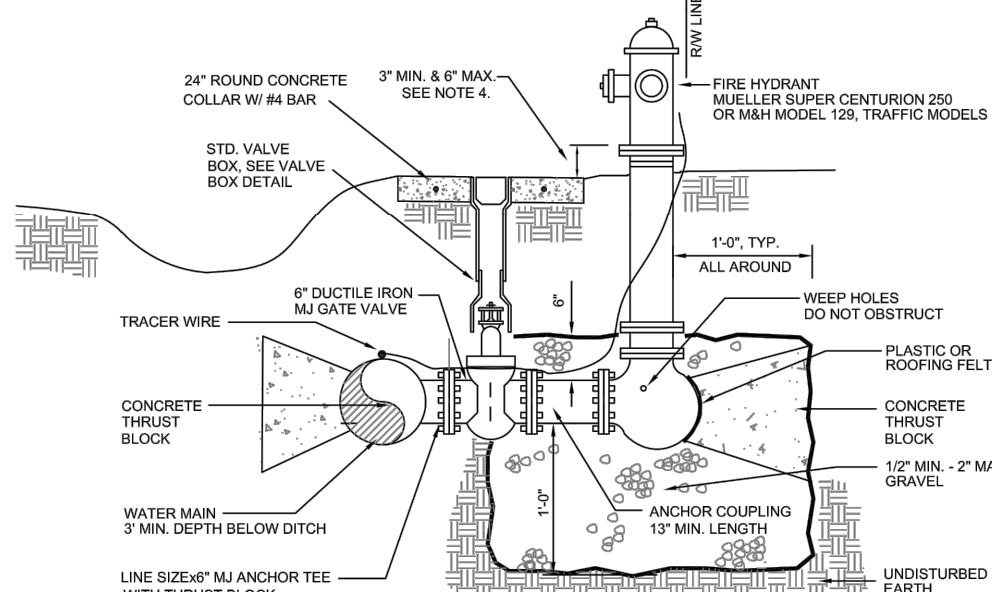
BID DOCUMENT - NOT FOR CONSTRUCTION

WATER UTILITY NOTES:
 1. SEE SHEET 25 FOR WATER UTILITY DETAILS.

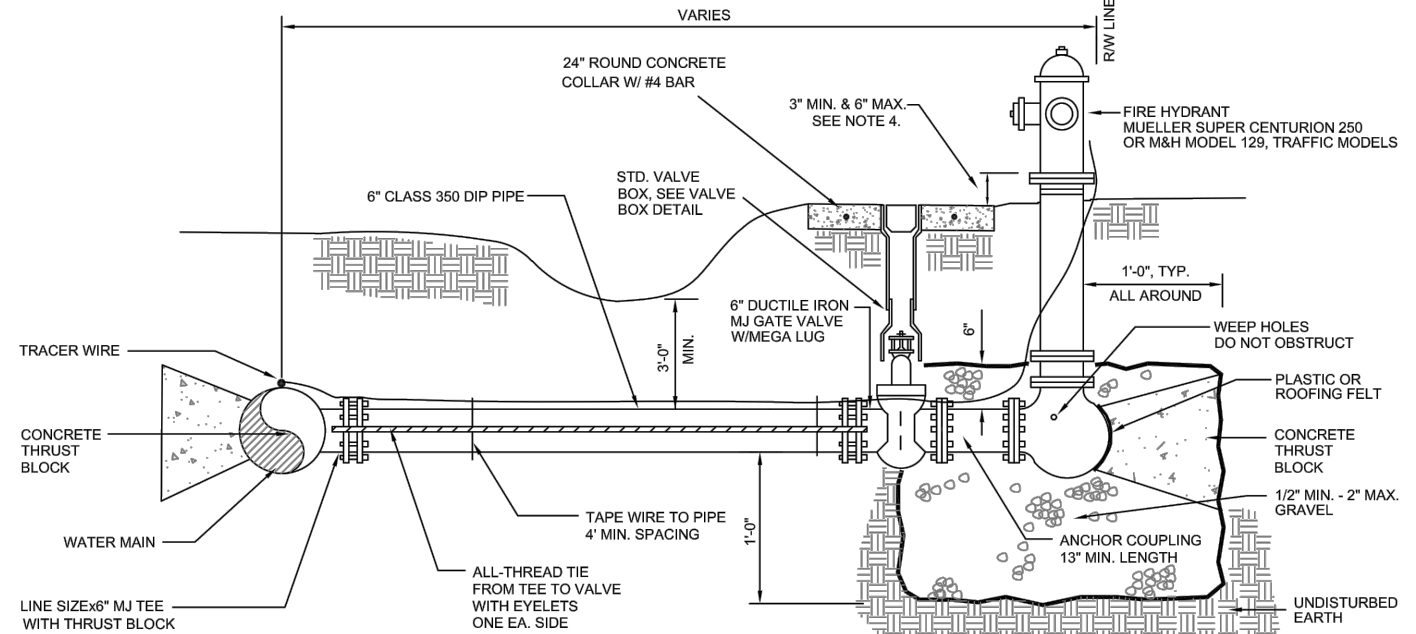


FILE PATH: J:\Projects\Jackson County - GA\20170171\00.AT - Wks & JCA - RSA Improvements\Design\20170171_CS_PIT_LAYOUT.dwg, BPR\MARCH 30 2018 1:35:29 PM

- TYPICAL NOTES:**
- HYDRANT SHALL BE DELIVERED SILVER (REFLECTIVE) IN COLOR FROM THE FACTORY.
 - HYDRANT SHALL MEET AWWA C502, RATED 250 PSI OR GREATER.
 - MAIN VALVE SIZE SHALL BE 4 1/2" MAIN PLUMBER NOZZLE SHALL BE 4 1/2" DIA. HOSE NOZZLES SHALL BE 2 1/2".
 - INSTALL PROPER HEIGHT RISER TO ACCOMMODATE REQUIRED HEIGHT (7' MIN. 8' MAX.). NO "DISHING" ALLOWED AROUND HYDRANT TO MEET DIMENSIONAL REQUIREMENT.
 - MAINTAIN 3" DIA. CLEAR CIRCLE AROUND HYDRANT NUT. RESTRAIN ALL PIPE AND FITTINGS SHOWN ON DETAIL.



TYPICAL HYDRANT DETAIL

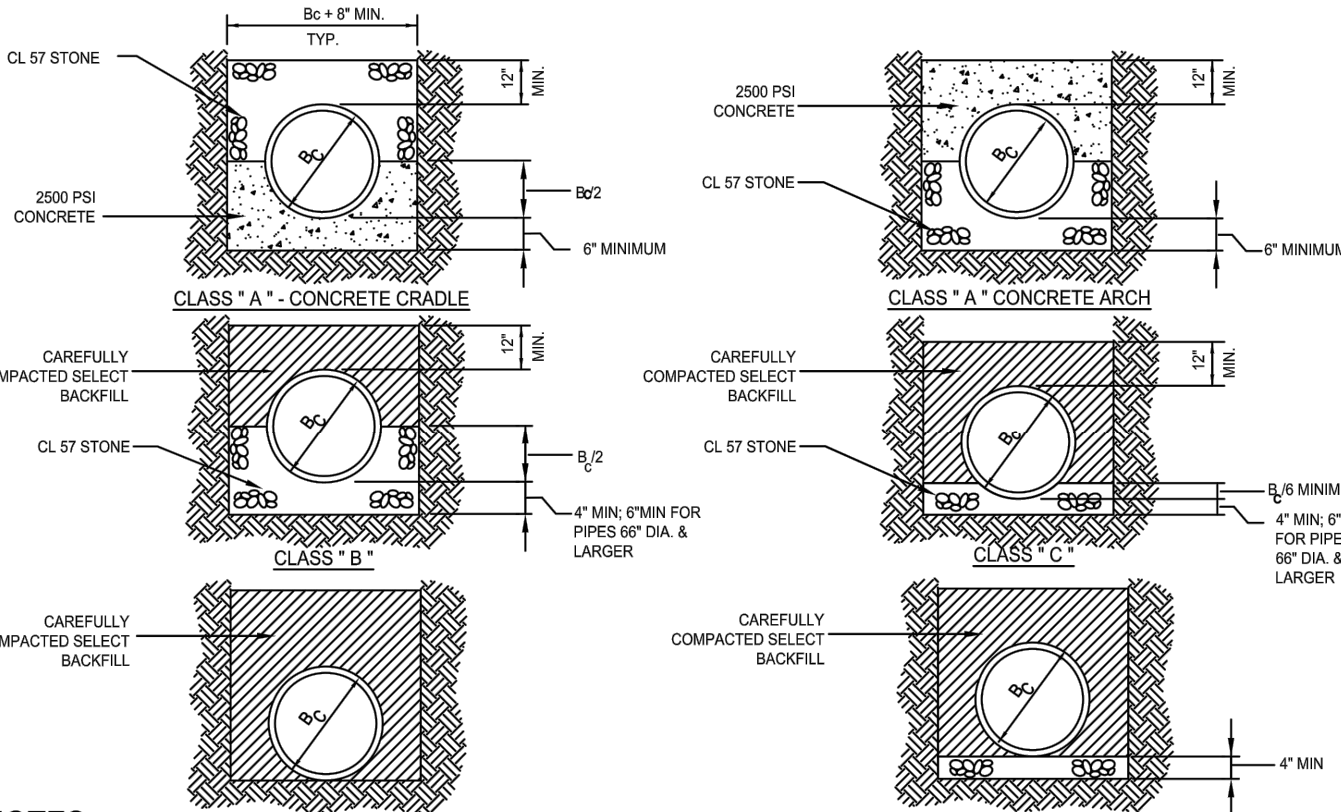


ALTERNATE TYP. HYDRANT DETAIL

USE THIS DETAIL ONLY WHEN MAIN LINE CAN NOT BE INSTALLED AT BACK OF RIGHT-OF-WAY

**JCWSA STANDARD DETAIL C-9
FIRE HYDRANT ASSEMBLY**

SCALE: NTS
DATE OF LAST REVISION: 02/17

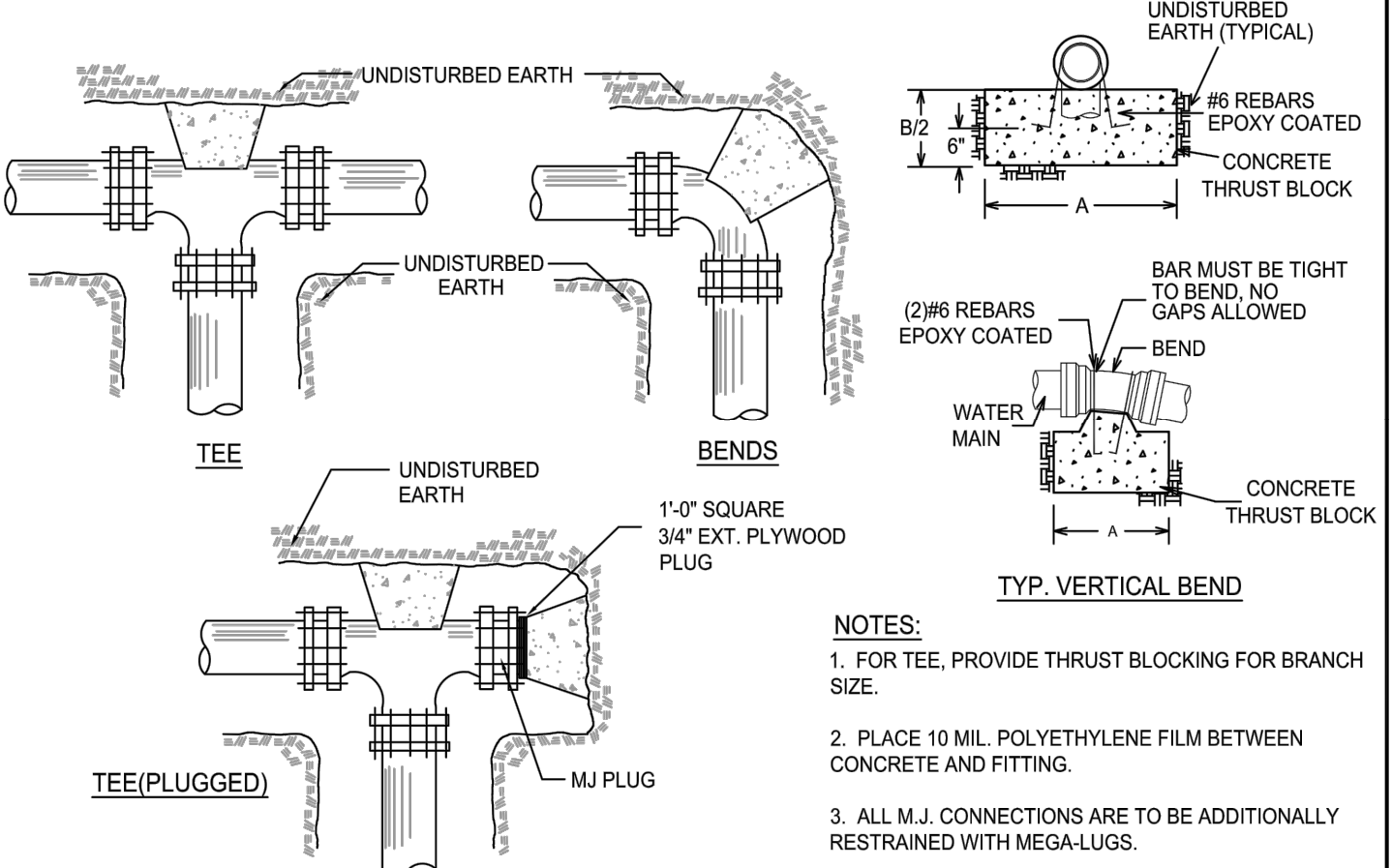


NOTES:

- COMPACTION: BACKFILL SHALL BE BUILT UP IN LAYERS AND EACH LAYER SHALL BE THOROUGHLY COMPACTED BEFORE BEGINNING ANOTHER LAYER. LAYERS SHALL BE NO MORE THAN 6" IN DEPTH (SEE JCWSA SPECIFICATION SECTION 4.1.2). PULLING WILL NOT BE PERMITTED. FROZEN OR WET MATERIAL SHALL NOT BE PLACED IN TRENCHES.
- COMPACTION STANDARDS: ALL BACKFILL MATERIALS USED SHALL CONTAIN A SUFFICIENT AMOUNT OF MOISTURE FOR PROPER COMPACTION AND THESE MATERIALS SHALL BE COMPACTED AT NOT LESS THAN 95% OF THEIR OPTIMUM CLASSIFICATION (98% FOR THE TOP FOOT OF SOILS SUPPORTING STRUCTURES) AS DETERMINED BY THE STANDARD PROCTOR TEST, AASHTO T99 (ASTM D698).
- REQUIRED COMPACTION TESTS: WITHIN ROAD R/Ws AT LEAST ONE TEST PER 200 CUBIC YARDS OF BACKFILL MATERIAL (AT VARIOUS DEPTHS), BUT NOT LESS THAN ONE (1) TEST PER 250 FEET OF TRENCH. TESTING SHALL BE PERFORMED AROUND ITEMS SUCH AS STRUCTURES, MANHOLES, AND VALVE BOXES (A MINIMUM OF 4 TESTS SHALL BE REQUIRED FOR EACH MANHOLE AND ONE TEST FOR EACH VALVE BOX). ONE ADDITIONAL COMPACTION TEST SHALL ALSO BE PERFORMED FOR EACH 4 SERVICE LINES OUTSIDE ROAD R/Ws. TESTING REQUIREMENTS ARE REDUCED BY ONE-HALF THE NUMBER OF REQ'D TESTS (SEE JCWSA SPEC. SEC. 4.5.9).
- FOR EXCAVATION IN POOR SOIL OR ROCK: REMOVE UNSUITABLE MATERIAL WIDTH AND DEPTH DIRECTED BEFORE PIPE IS LAID. THE SUBGRADE SHALL BE BACKFILLED WITH AN APPROVED MATERIAL IN 6" LAYERS. EACH LAYER SHALL BE THOROUGHLY TAMPED TO 95% COMPACTION (ASTM D698).
- NO BOULDERS OR LOOSE ROCKS PERMITTED IN THE BACKFILL FROM BOTTOM OF PIPE TRENCH TO 2'-0" ABOVE PIPE.
- COMPACTION WITHIN GDOT, JACKSON COUNTY AND CITY RIGHT-OF-WAYS MUST MEET THE REQUIREMENTS OF THESE AGENCIES.
- THIS DETAIL APPLIES TO THE INSTALLATION OF ALL SERVICE LATERALS. TRENCH WIDTH MINIMUMS DO NOT APPLY TO LATERALS LESS THAN 4".
- IF PROFILE DRAWING OF PIPE IS PROVIDED, THE COVER SHALL BE SHOWN ON PROFILE SHEET.
- TRENCH SIDE SLOPES AND/OR SHORING SHALL COMPLY WITH OSHA STANDARDS.
- CONTRACTOR SHALL REPAIR ANY TRENCH SETTLEMENT FOR A PERIOD OF ONE-YEAR BEYOND COMPLETION.
- REFER TO DETAIL C-21 FOR TRACER WIRE REQUIREMENTS.
- REMOVE AND SEPARATE TOP ORGANIC LAYER. TOPSOIL AND ORGANICS MAY NOT BE USED TO FILL TRENCH, OTHER THAN THE VERY TOP LAYER.
- WHEN SOFT OR UNSTABLE PIPE FOUNDATION MATERIAL IS ENCOUNTERED IN THE BOTTOM OF TRENCH REFER TO JCWSA STD. SEC. 4.5.5.

**JCWSA STANDARD DETAIL C-12
PIPE BEDDING DETAILS**

SCALE: NTS
DATE OF LAST REVISION: 03/15



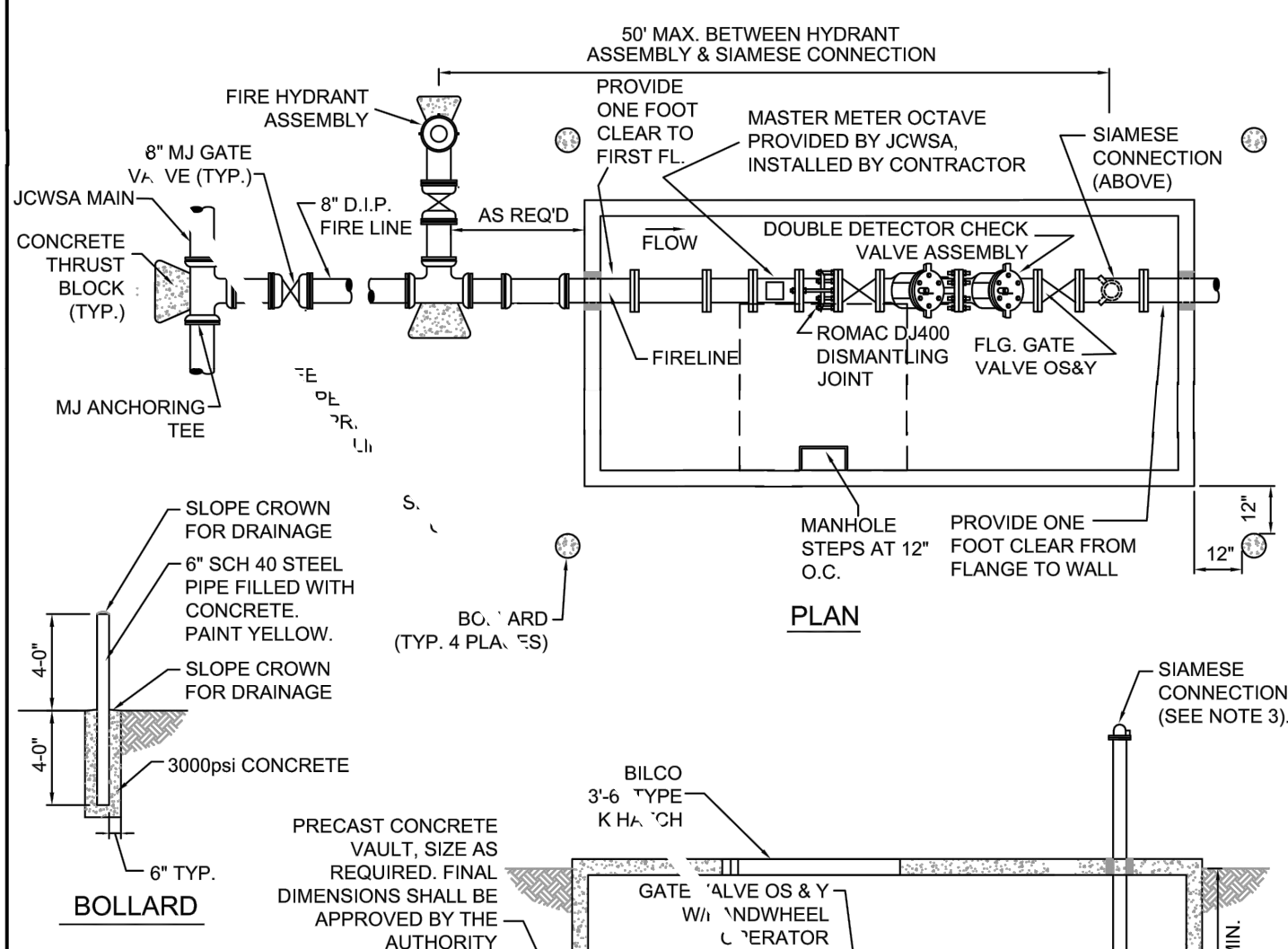
NOTES:

- FOR TEE, PROVIDE THRUST BLOCKING FOR BRANCH SIZE.
- PLACE 10 MIL. POLYETHYLENE FILM BETWEEN CONCRETE AND FITTING.
- ALL M.J. CONNECTIONS ARE TO BE ADDITIONALLY RESTRAINED WITH MEGA-LUGS.
- BEARING SURFACE AREAS SHOWN IN THE CHART ARE MINIMUM. IF SOIL BEARING CAPACITY IS LESS THAN 2000 P.S.F. A SPECIAL DESIGN WILL BE REQUIRED FOR THE INSTALLATION.
- THRUST BLOCK MUST BEAR ON UNDISTURBED EARTH AND MAY NOT COVER ANY NUT AND BOLT ACCESSORIES.
- ALL CONCRETE SHALL BE CLASS "C" 3000 P.S.I. MINIMUM 28 DAYS COMPRESSIVE STRENGTH.
- WRAP ALL FITTINGS WITH 10 MIL POLY PIPE WRAP PLASTIC AND 10 MIL PIPE WRAP TAPE.

FITTING SIZE	TEES AND PLUGS		90° BENDS		45° BENDS & Y		22 1/2° BENDS		11 1/4° BENDS	
	A	B	A	B	A	B	A	B	A	B
4"	1'-9"	0'-9"	1'-9"	1'-0"	1'-3"	0'-9"	1'-0"	0'-6"	0'-6"	0'-6"
6"	2'-3"	1'-3"	2'-9"	1'-6"	2'-3"	1'-0"	1'-6"	0'-9"	1'-0"	0'-6"
8"	2'-9"	1'-9"	3'-6"	2'-0"	2'-6"	1'-6"	2'-0"	1'-0"	1'-0"	1'-0"
10"	3'-6"	2'-3"	4'-5"	2'-6"	3'-0"	2'-0"	2'-0"	1'-6"	1'-6"	1'-0"
12"	4'-0"	3'-10"	4'-8"	4'-8"	3'-8"	3'-3"	2'-0"	1'-6"	2'-0"	1'-0"
14"	5'-5"	3'-10"	6'-8"	5'-0"	4'-8"	3'-5"	2'-5"	2'-0"	1'-8"	1'-8"
16"	6'-0"	4'-8"	6'-8"	5'-3"	5'-0"	3'-8"	3'-4"	2'-8"	3'-0"	1'-8"
18"	5'-0"	4'-10"	6'-8"	5'-6"	5'-0"	3'-10"	3'-6"	2'-10"	3'-0"	1'-10"
20"	5'-0"	5'-0"	6'-0"	6'-0"	5'-0"	4'-0"	3'-6"	3'-0"	3'-0"	2'-0"
24"	6'-0"	6'-0"	7'-0"	7'-0"	5'-0"	5'-0"	4'-6"	3'-0"	3'-0"	3'-0"
30"	7'-6"	7'-6"	8'-0"	8'-0"	6'-3"	6'-3"	4'-9"	4'-6"	3'-3"	3'-3"

**JCWSA STANDARD DETAIL C-13
THRUST BLOCKS**

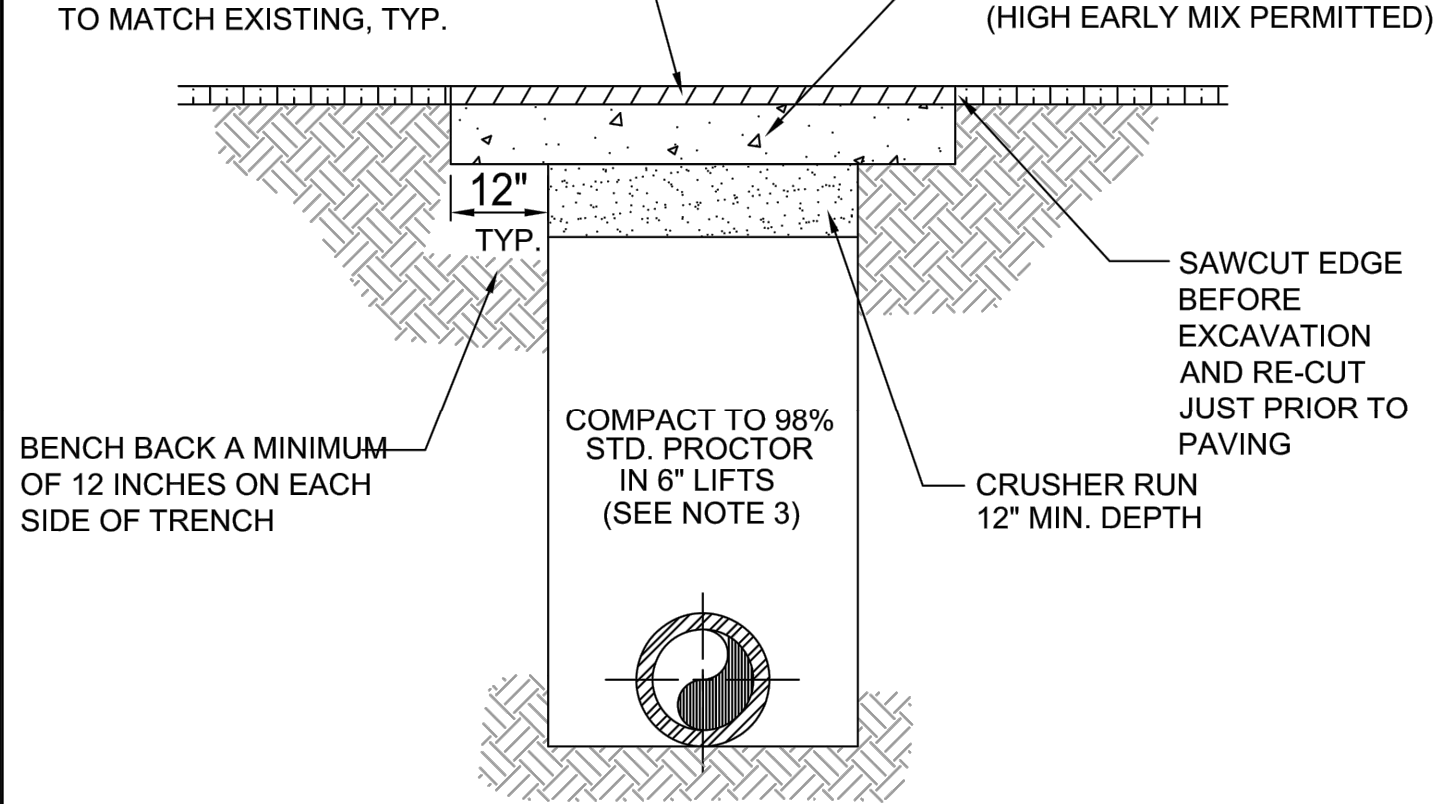
SCALE: NTS
DATE OF LAST REVISION: 08/14



- NOTES:**
- RESTRAIN ALL PIPE & FITTINGS SHOWN THIS SHEET.
 - EXPOSED PIPE AND FITTINGS TO BE FLANGED DUCTILE IRON.
 - PROVIDE 1'-0" SQUARE SUMP IN BOTTOM OF STRUCTURE. DO NOT PLACE DIRECTLY BELOW PIPE. SUMP MUST BE ACCESSIBLE BY DROP PIPE FROM ABOVE.
 - OMIT SIAMENSE CONNECTION WHEREVER BUILDING IS SERVED BY A PUMPED FIRE SUPPRESSION SYSTEM.
 - CONSULT LOCAL FIRE OFFICIAL TO DETERMINE LOCATION REQUIREMENTS FOR SIAMENSE CONNECTIONS.
 - VAULT & LID MUST BE RATED FOR AASHTO H20 LOADING. PRE-CAST & CAST-IN-PLACE VAULTS MUST BE DESIGNED AND CERTIFIED FOR H20 LOADING BY A PROFESSIONAL ENGINEER.

**JCWSA STANDARD DETAIL C-17
DOUBLE CHECK VAULT**

SCALE: NTS
DATE OF LAST REVISION: 04-15

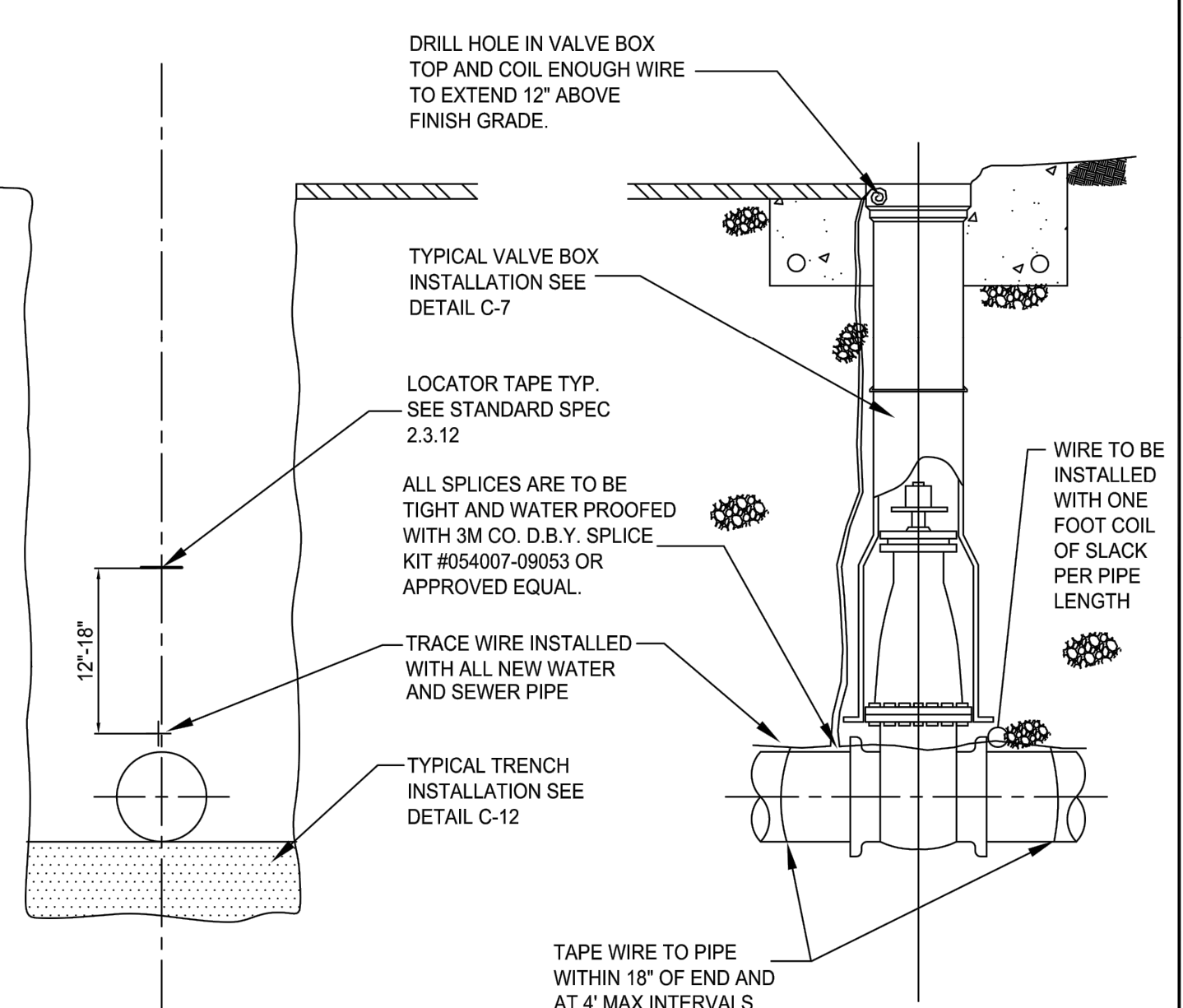


NOTES:

- ALL LATERAL STREET CUTS MUST BE COVERED WITH STEEL PLATES OF SUFFICIENT THICKNESS TO SPAN THE CUT WITHOUT NOTICEABLE DEFLECTION. PLATES TO REMAIN IN PLACE UNTIL THE CONCRETE BASE HAS GAINED SUFFICIENT STRENGTH TO WITHSTAND TRAFFIC LOADS (24 HOUR MINIMUM).
- ON LONGITUDINAL CUTS EXCEEDING 150 FEET IN LENGTH, THE CONCRETE IN THE TRENCH WILL BE BROUGHT FLUSH WITH THE EXISTING PAVEMENT AND THE ENTIRE WIDTH OF THE ROADWAY RESURFACED WITH ASPHALT TOPPING COURSE AS DIRECTED BY THE ROAD AGENCY ENGINEER.
- REFER TO DETAIL C-12 FOR COMPACTION SPECIFICATIONS. MEET ALL COMPACTION REQUIREMENTS OF ROADWAY AGENCIES.

**JCWSA STANDARD DETAIL C-20
PAVEMENT PATCH AND VALVE MARKER**

SCALE: NTS
DATE OF LAST REVISION: 04/15



NOTES:

- TRACE WIRE TO BE 12 DIRECT BURY AWG OR LARGER SOLID COPPER INSULATED LLDP WIRE. (BARE COPPER WIRE PROHIBITED).
- WIRE IS TO BE INSTALLED WITH SLACK, ONE FOOT COIL PER LENGTH.
- WIRE IS TO BE ATTACHED TO ALL WATER APPURTENANCES.
- WIRE IS TO BE INSTALLED WITH ALL NEW WATER AND SEWER LINES, METAL AND NON-METAL.
- CONTINUITY TEST TO BE PERFORMED BY CONTRACTOR AT ALL ACCESS POINTS PRIOR TO FINAL ACCEPTANCE.

**JCWSA STANDARD DETAIL C-21
TRACE WIRE DETAILS**

SCALE: NTS
DATE OF LAST REVISION: 04/15



WK DICKSON
community infrastructure consultants

2120 POWERS FERRY ROAD
SUITE 100
ATLANTA, GA 30339
(770)-955-5574
(770)-955-0358
WWW.WKDICKSON.COM

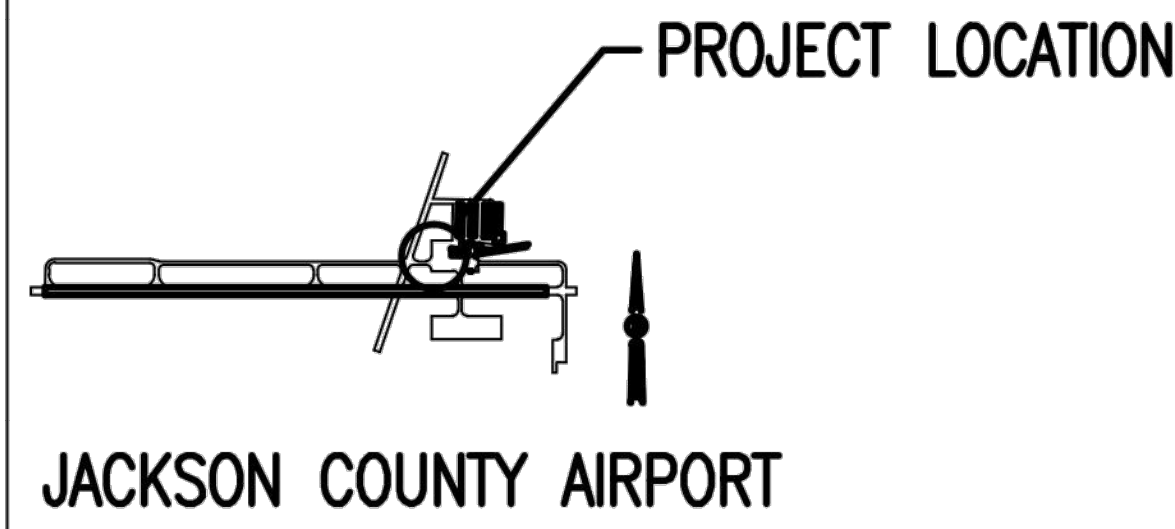
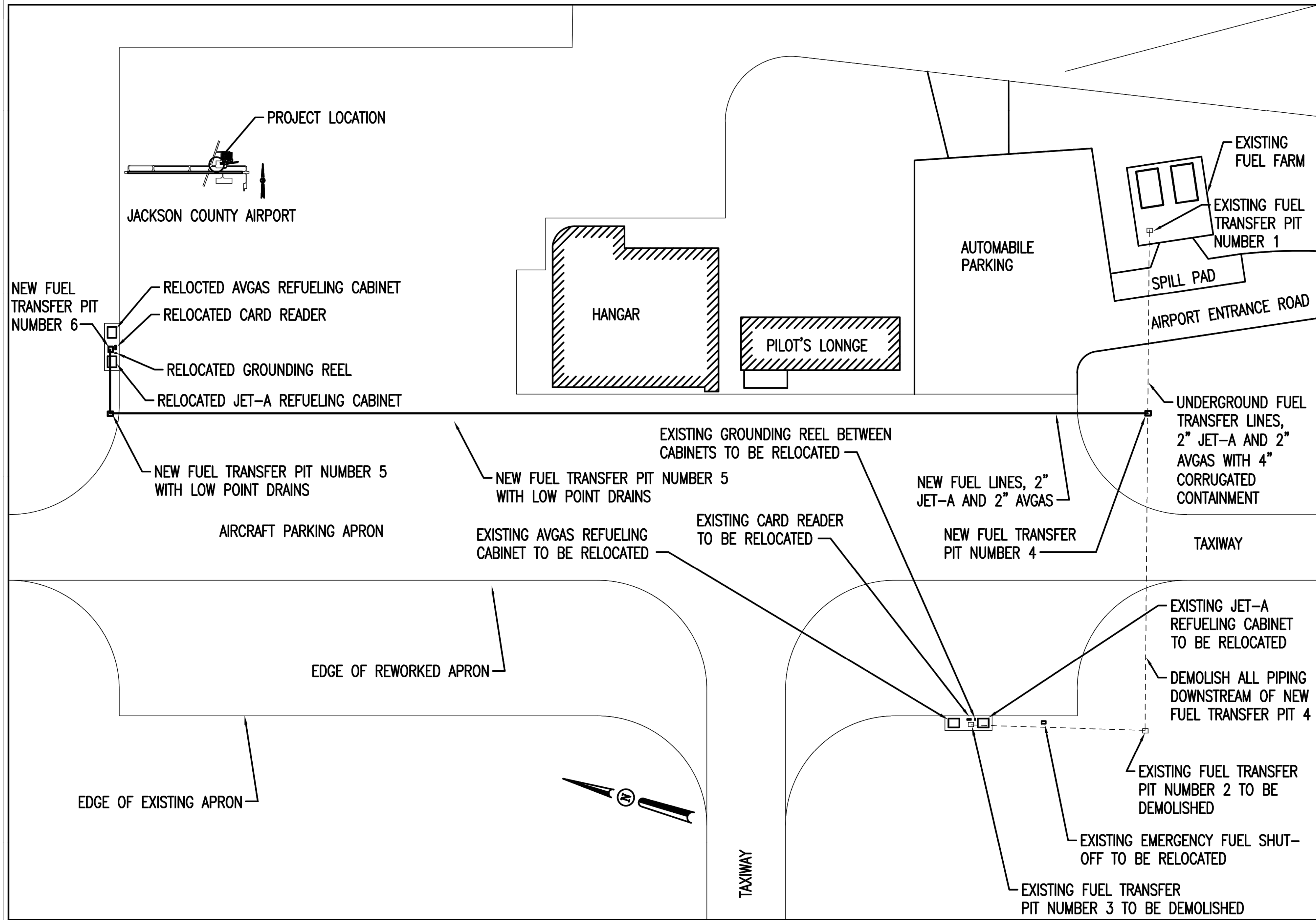
PROFESSIONAL SEAL

REVISION RECORD	DESCRIPTION	DATE

PROJECT NAME: **RSA / ROFA IMPROVEMENTS: APRON PAVEMENT AND DRAINAGE REHABILITATION FOR THE JACKSON COUNTY AIRPORT (JCA) CITY OF JEFFERSON, GEORGIA**

DRAWING TITLE: **WATER UTILITY DETAILS**

PROJ. MGR.: MRJ
DESIGN BY: BCF
DRAWN BY: BCF
PROJ. DATE: 03/08/2018
DRAWING NUMBER: **25 OF 36**
WKD PROJ. NO.: 20170171.00.AT



DATE	DESCRIPTION
5/05/17	REVISIONS

LYNCH
AVIATION CONSULTING

2004 COMMERCE DR. NORTH
PEACHTREE CITY, GA 30269
PHONE: (770) 631-1555
FAX: (770) 631-6644
WEB:
www.desconsultants.com

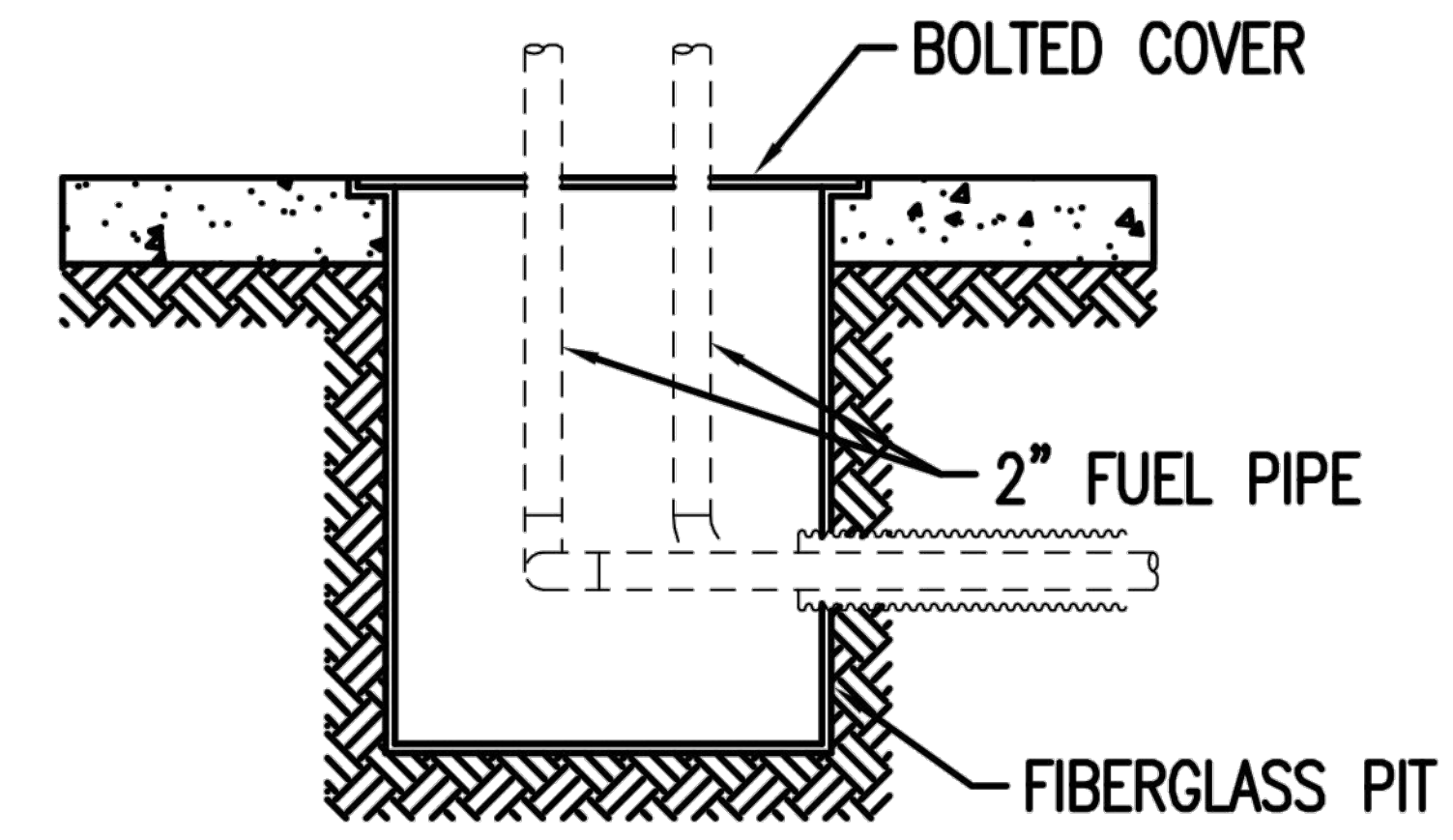
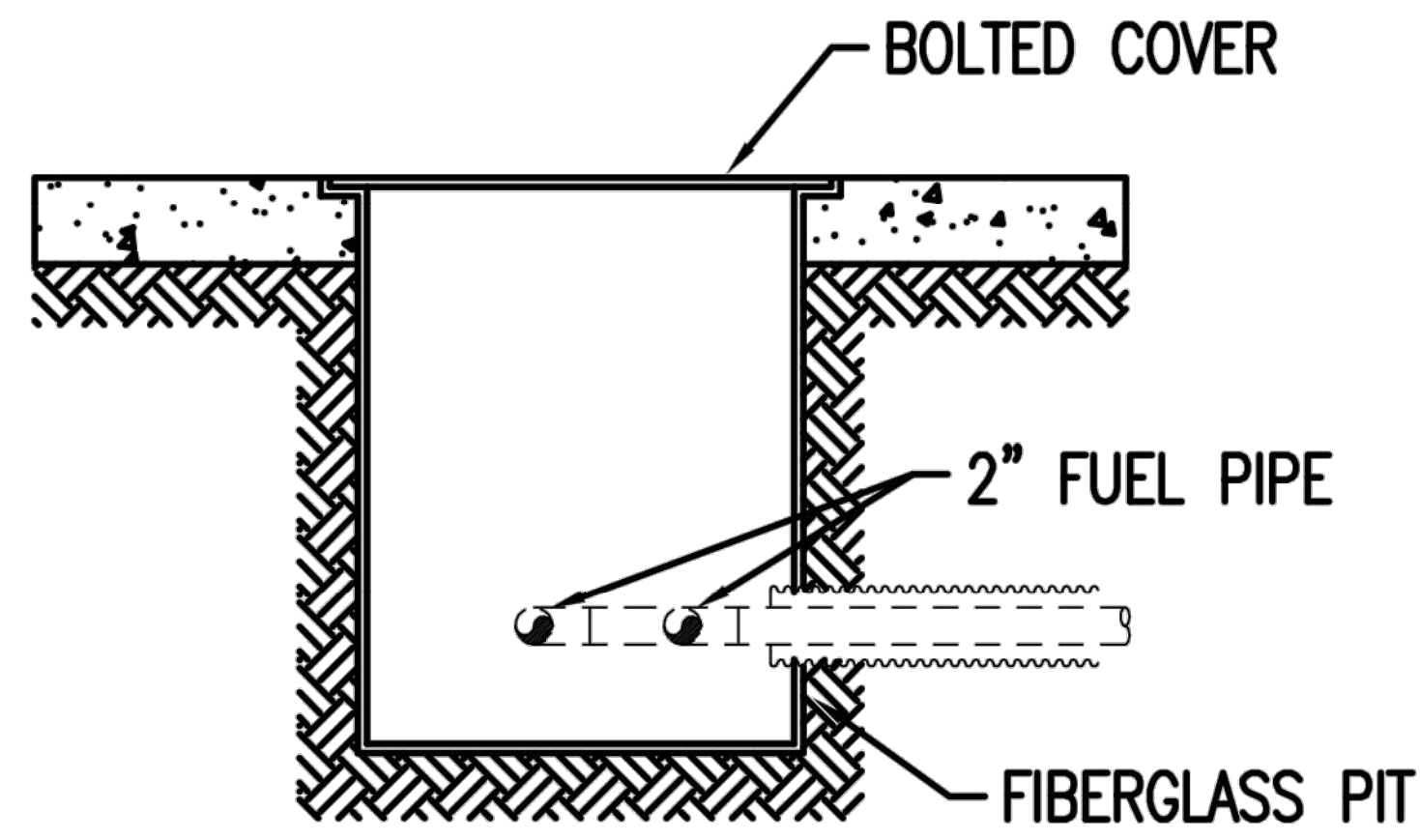
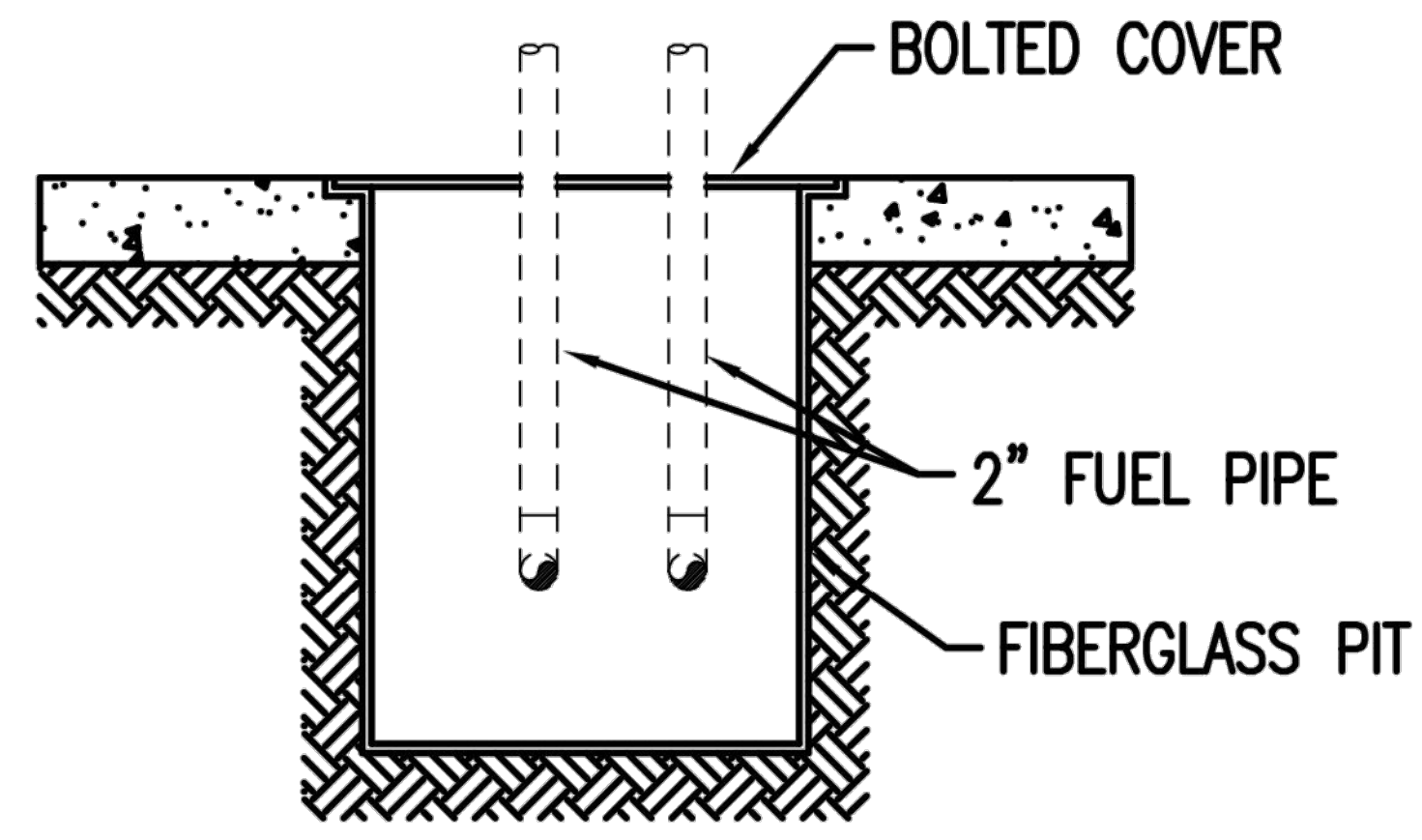
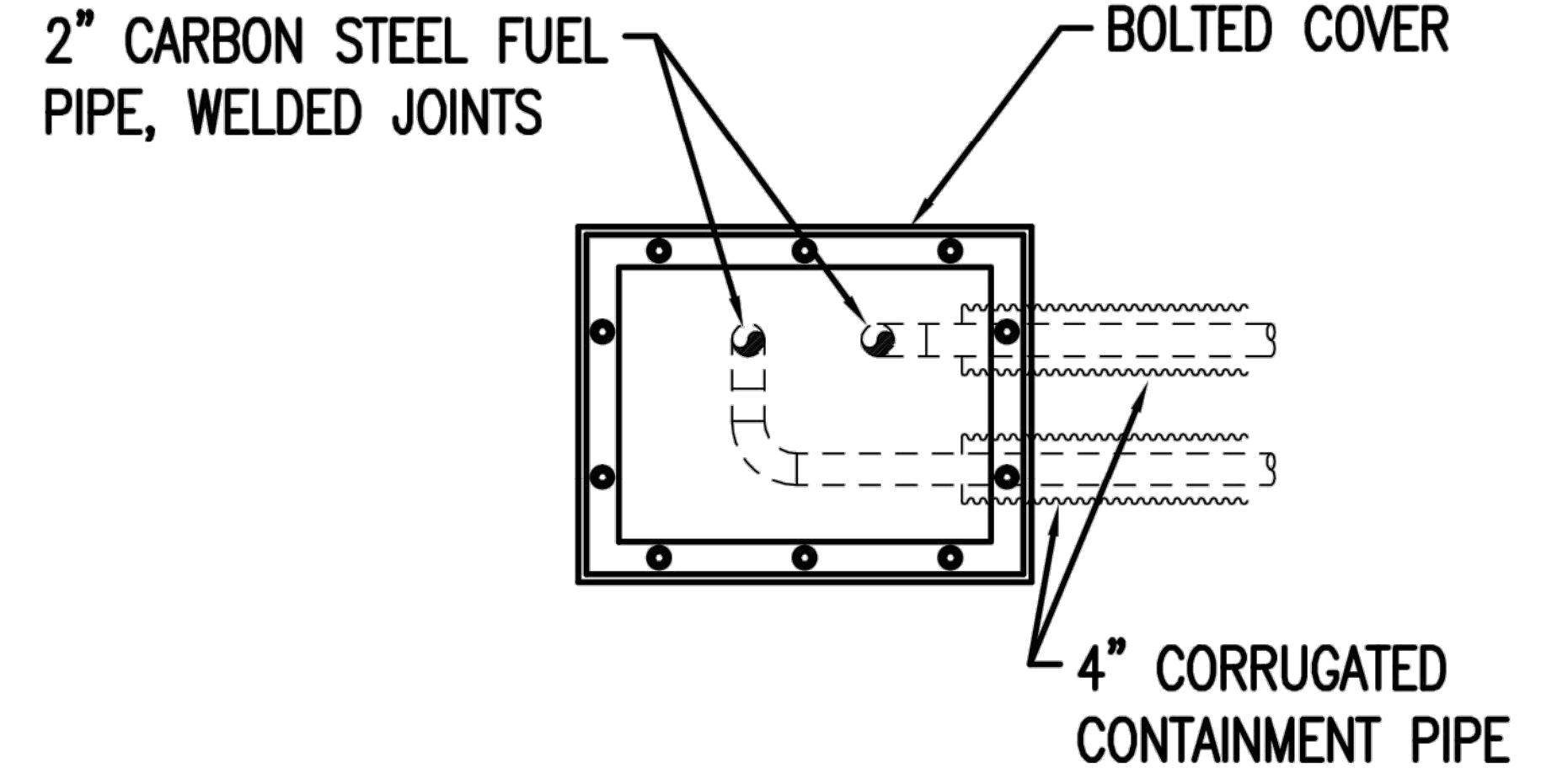
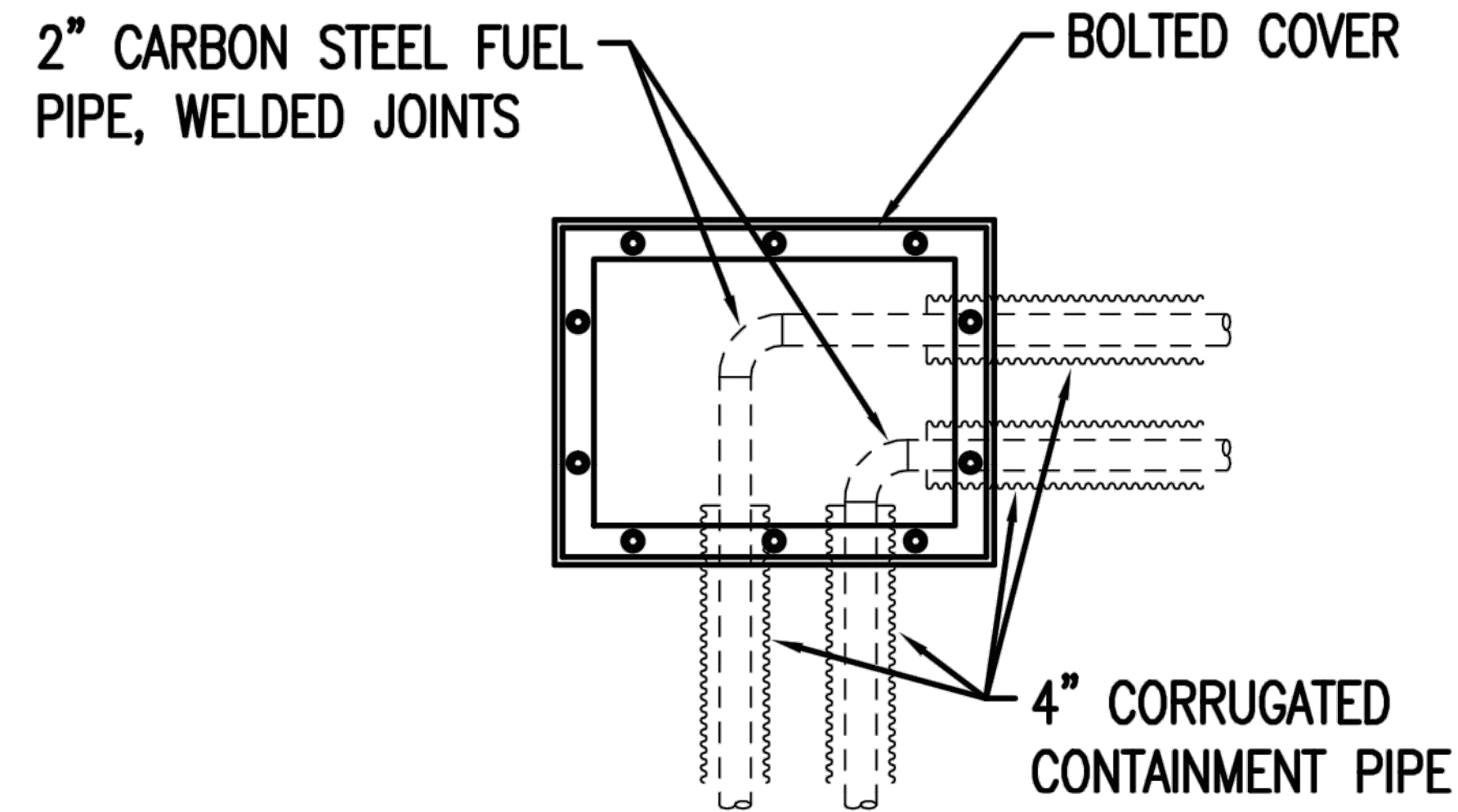
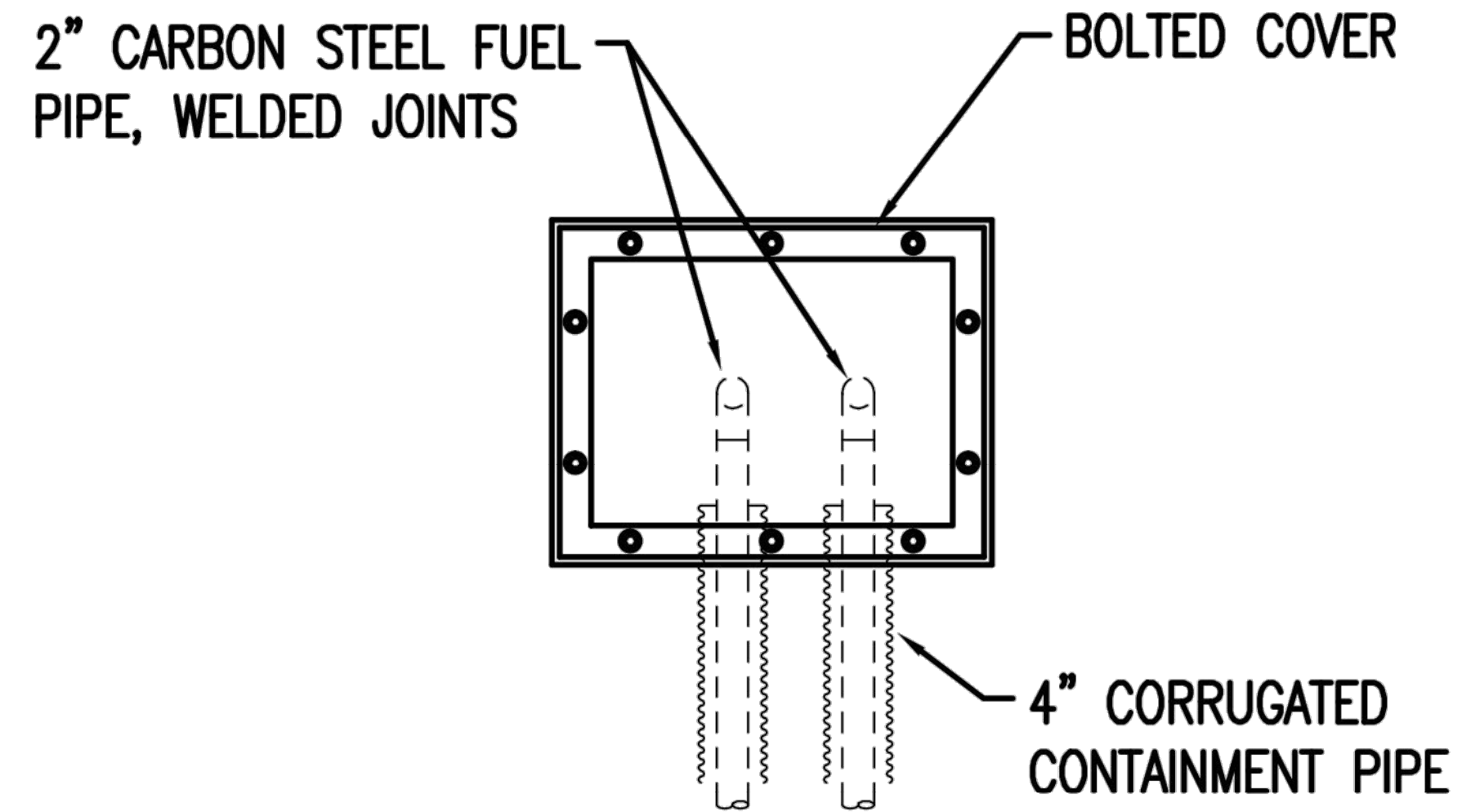
SITE LAYOUT PLAN
JCA AIRPORT
SELF SERVICE FUEL
DISPENSER RELOCATION



JACKSON COUNTY AIRPORT
500 SKY HARBOR WAY
JEFFERSON, GA 30549

Figure
M-1

SCALE: AS NOTED



EXISTING FUEL TRANSFER PIT NO. 1

EXISTING FUEL TRANSFER PIT NO. 2

EXISTING FUEL TRANSFER PIT NO. 3

DATE	DESCRIPTION
	REVISIONS

DATE: 5/05/17



2004 COMMERCE DR. NORTH
PEACHTREE CITY, GA 30269
PHONE: (770) 631-1555
FAX: (770) 631-6644
WEB:
www.desconsultants.com

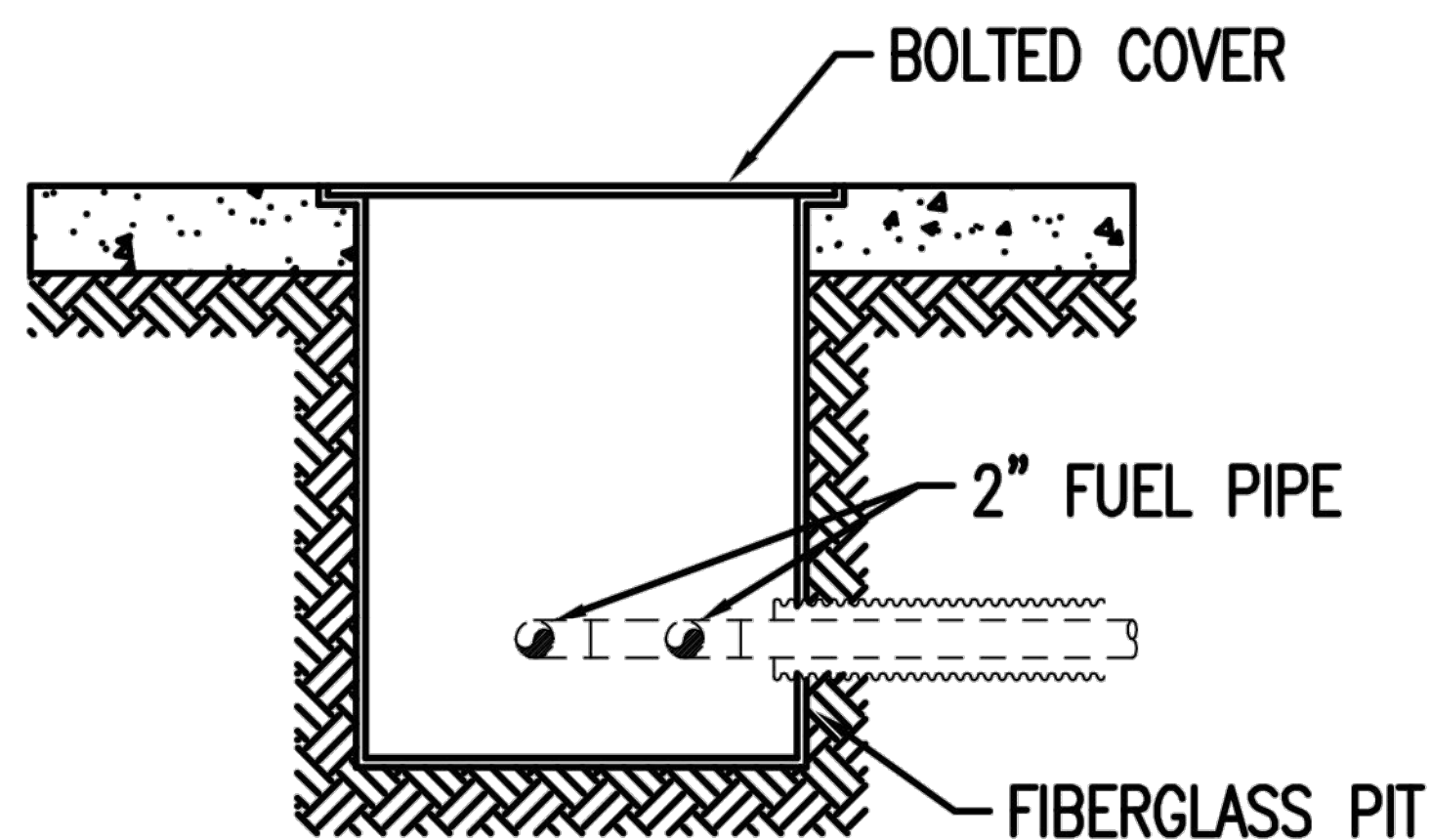
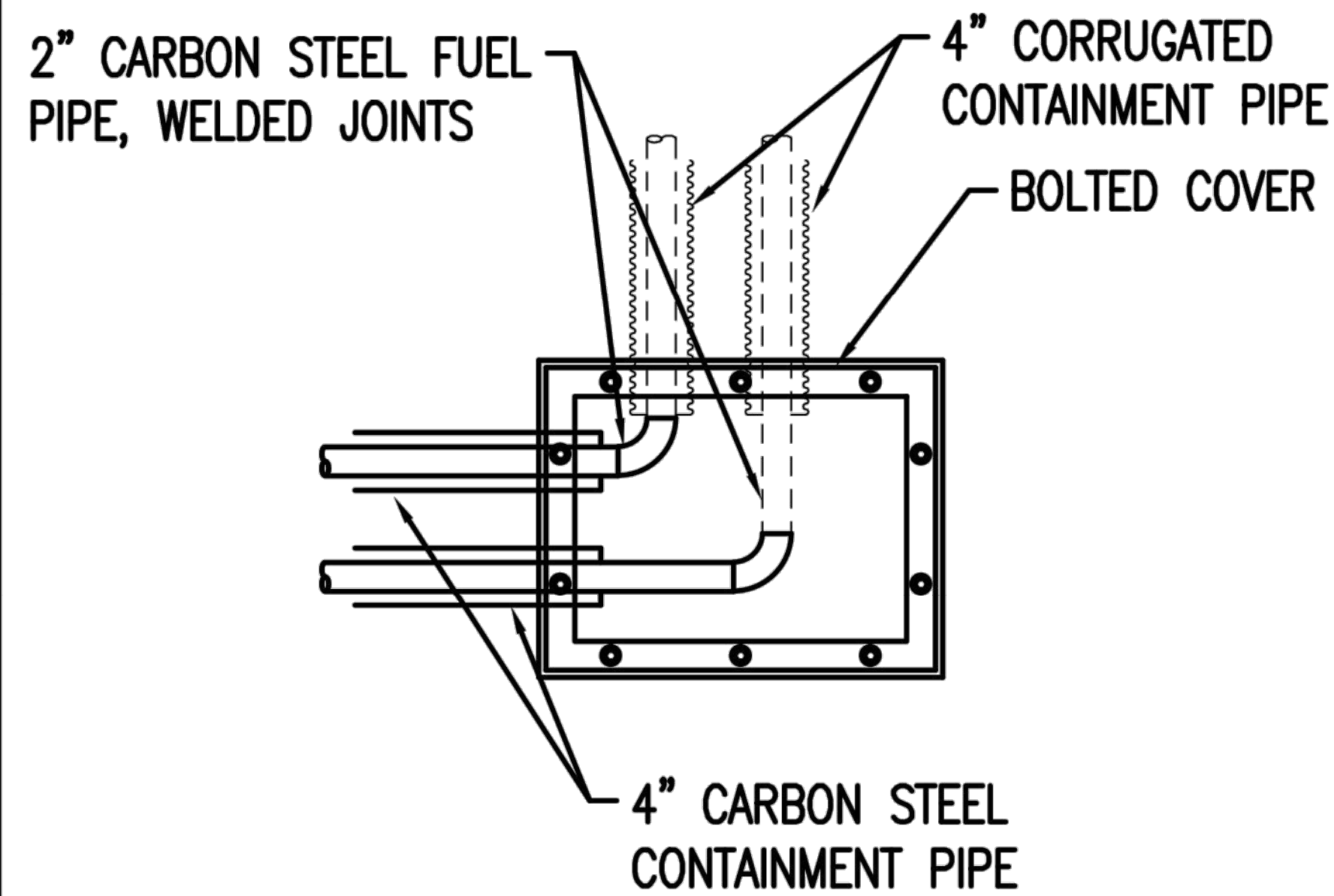
SITE LAYOUT PLAN
JCA AIRPORT
SELF SERVICE FUEL
DISPENSER RELOCATION



JACKSON COUNTY AIRPORT
500 SKY HARBOR WAY
JEFFERSON, GA 30549

Figure
M-2

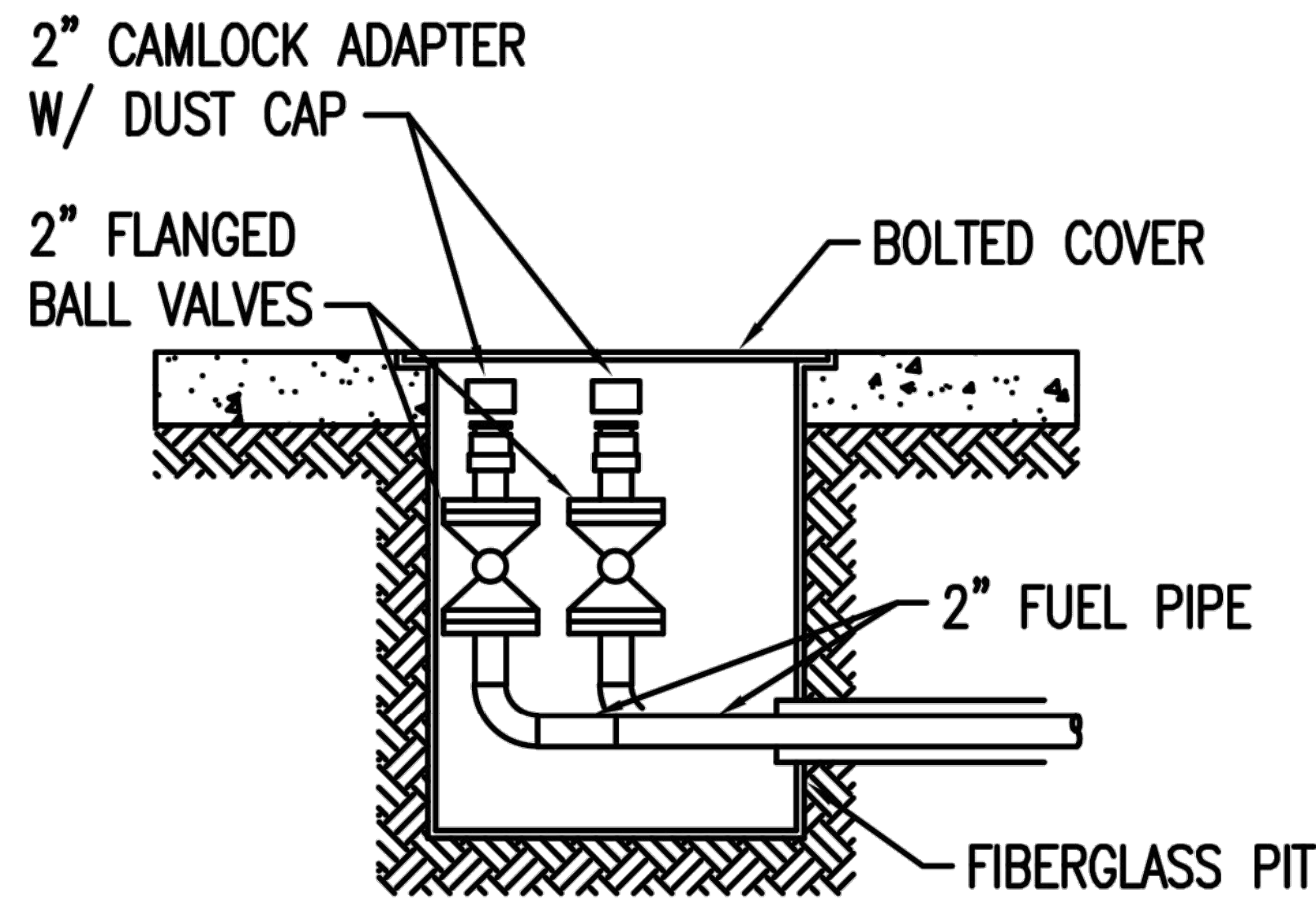
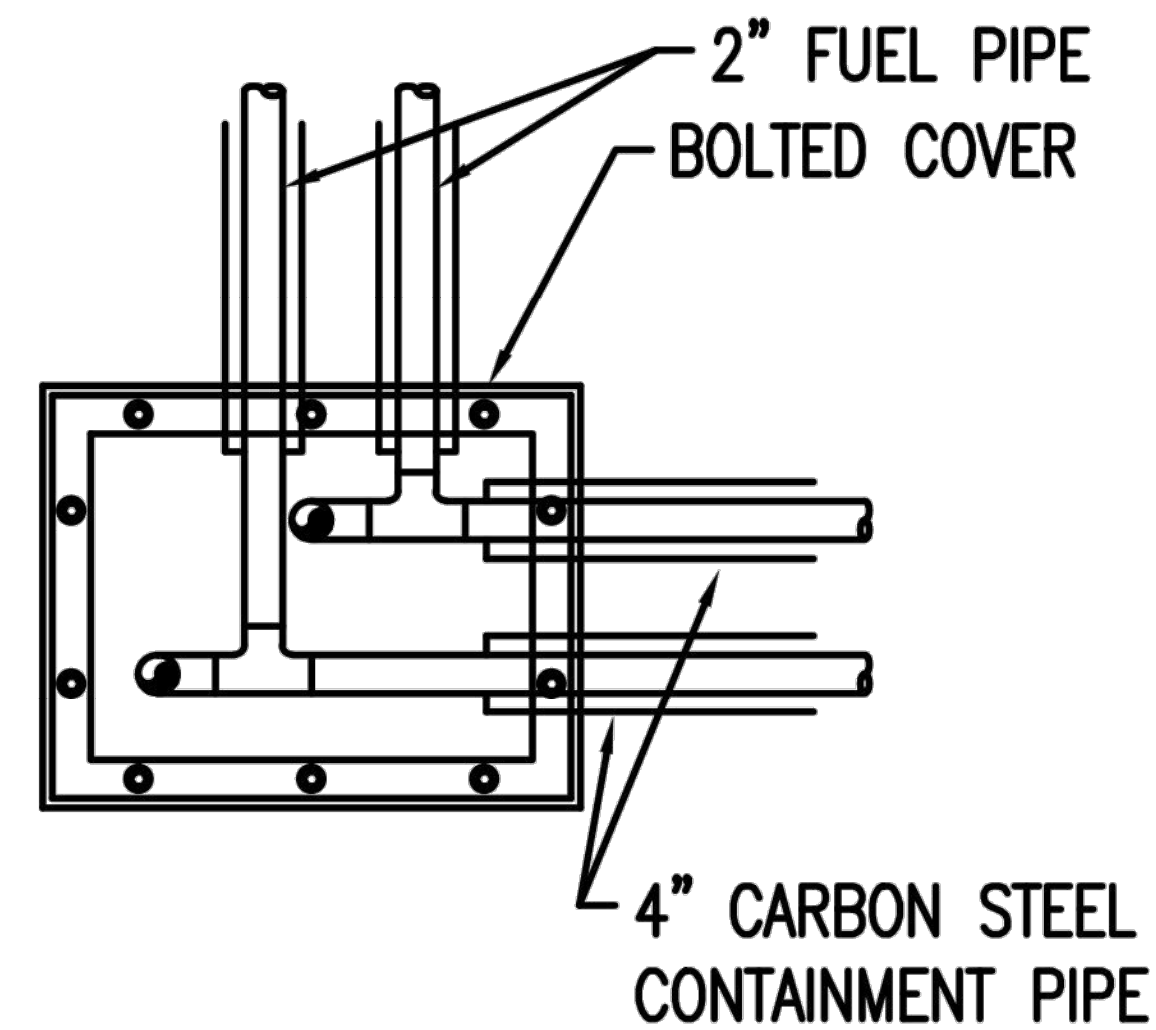
SCALE: AS NOTED



NEW FUEL TRANSFER PIT NO. 4

NOTES:

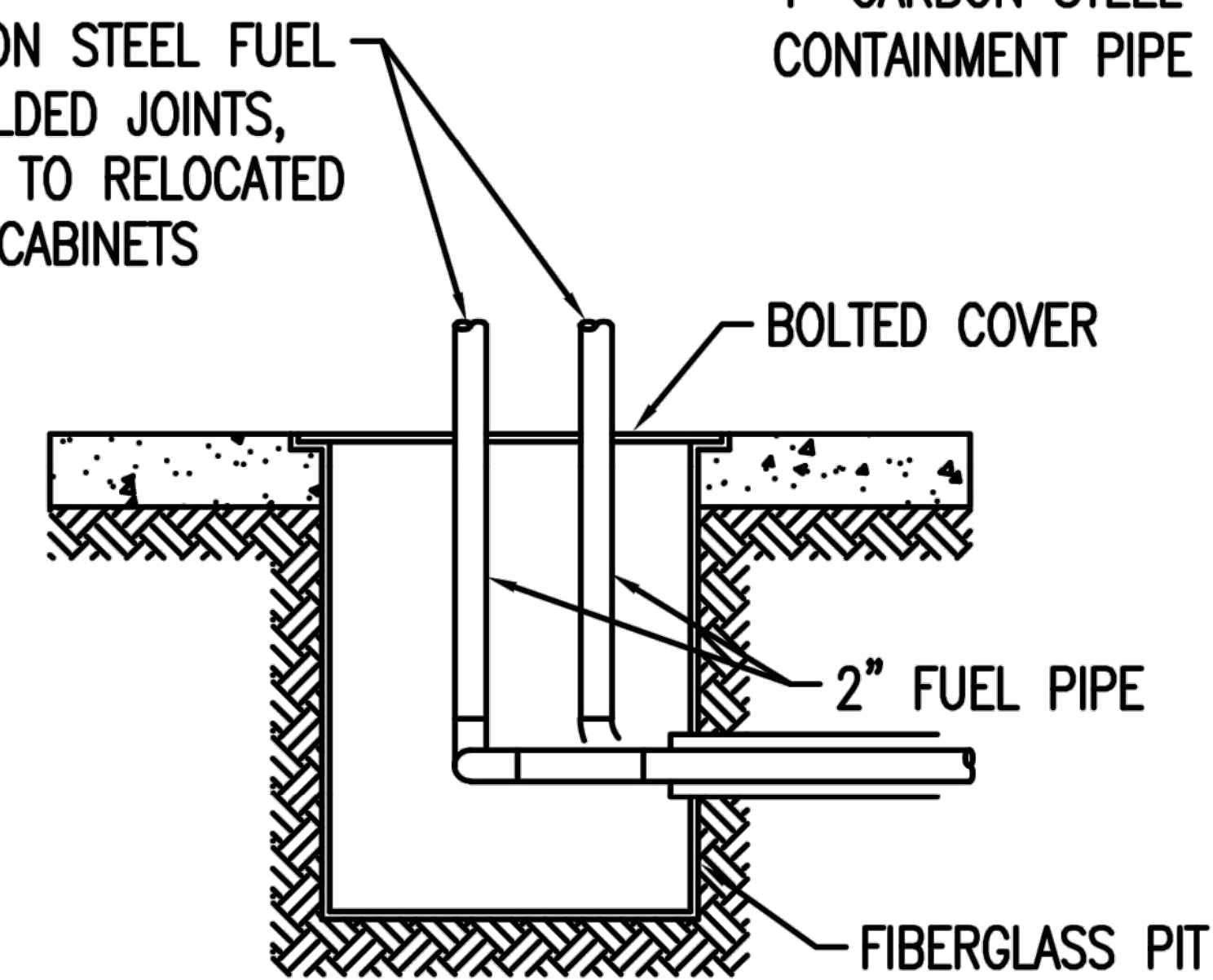
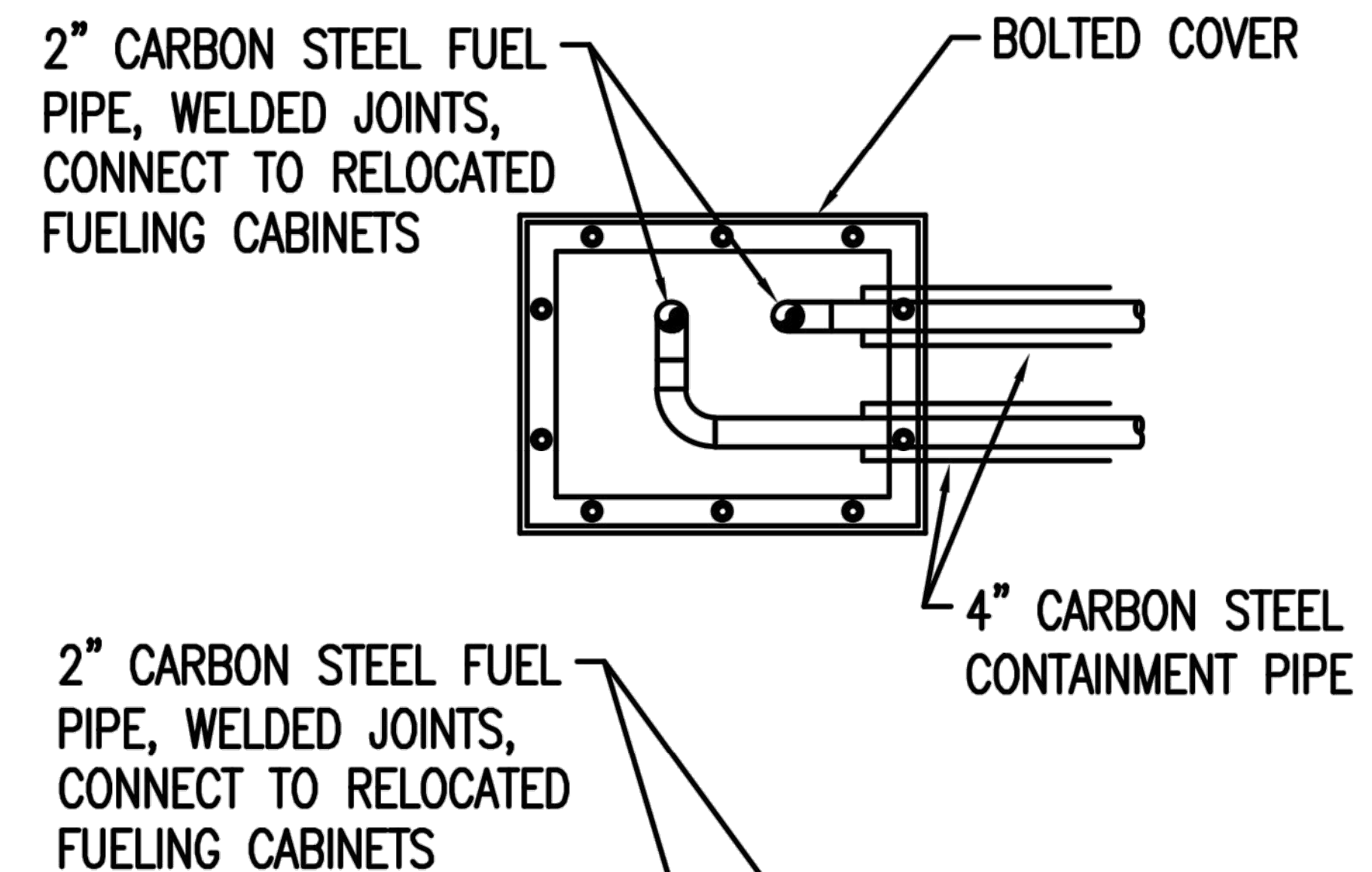
1. NEW PIPING SHALL MATCH THE EXISTING PIPING. ASSUME EXISTING PIPING TO BE 2" CARBON STEEL, SCHEDULE 40 WITH BUTT WELD FITTINGS. NEW PIPING SHALL BE A53 ERW WITH ASTM B16.9 FITTINGS, AND A105 150# FLANGES.
2. CONTAINMENT PIPE SHALL BE FUEL CARBON STEEL, A53 ERW, STANDARD WEIGHT, WITH FUSION BONDED EPOXY COATING.
3. FIBERGLASS CONTAINMENT PITS SHALL BE MANUFACTURED BY OPW OR EQUAL, AND HAVE BOLTED COVERS.
4. CONTAINMENT PIPE SHALL BE COATED WITH FUSION BONDED EPOXY, 14 MILS DRY FILM THICKNESS, SKOTCHKOTE 6233 OR EQUAL, INSTALLED PER THE MANUFACTURER'S REQUIREMENTS. DEFECTS AND WELD JOINTS SHALL BE POLYKEN 927 PRIMER AND POLYKEN 930 WRAP TAPE COAT.
5. PIPELINE SPACERS SHALL BE POWERSEAL PIPELINE PRODUCTS CORPORATION MODEL 4860 POLYETHYLENE CASING SPACER, HDPE POLYETHYLENE ASTM D638, OR EQUAL. SPACED PER THE MANUFACTURER'S INSTRUCTION, BUT NOT LESS THAN 8'.



NEW FUEL TRANSFER PIT NO. 5

NOTES:

6. PROVIDE MOLDED RUBBER END SEAL BETWEEN THE CASING PIPE AND THE CARRIER PIPE. PROVIDE MOLDED RUBBER END SEAL BETWEEN THE CASING PIPE AND THE FIBERGLASS PIT WALL PENETRATION. MOLDED RUBBER END SEALS SHALL BE BUNA-N.
7. PROVIDE DETECTABLE WARNING TAPE IN THE TRENCH, 12" ABOVE THE PIPES FOR ALL BURIED PIPE. DETECTABLE WARNING TAPE SHALL BE DETECTABLE FOR UP TO 36" BELOW THE GROUND. TAPE SHALL BE 3" WIDE AND SHALL BE MARKED "BURIED FUEL LINS BELOW", EVERY 36".



NEW FUEL TRANSFER PIT NO. 6

DATE	DESCRIPTION
	REVISIONS
DATE: 5/05/17	



2004 COMMERCE DR. NORTH
PEACHTREE CITY, GA 30269
PHONE: (770) 631-1555
FAX: (770) 631-6644
WEB:
www.desconsultants.com

SITE LAYOUT PLAN
JCA AIRPORT
SELF SERVICE FUEL
DISPENSER RELOCATION



JACKSON COUNTY AIRPORT
500 SKY HARBOR WAY
JEFFERSON, GA 30549

Figure
M-3

SCALE: AS NOTED

DATE	DESCRIPTION
REVISIONS	
DATE: 5/05/17	



2004 COMMERCE DR. NORTH
 PEACHTREE CITY, GA 30269
 PHONE: (770) 631-1555
 FAX: (770) 631-6644
 WEB:
 www.desconsultants.com

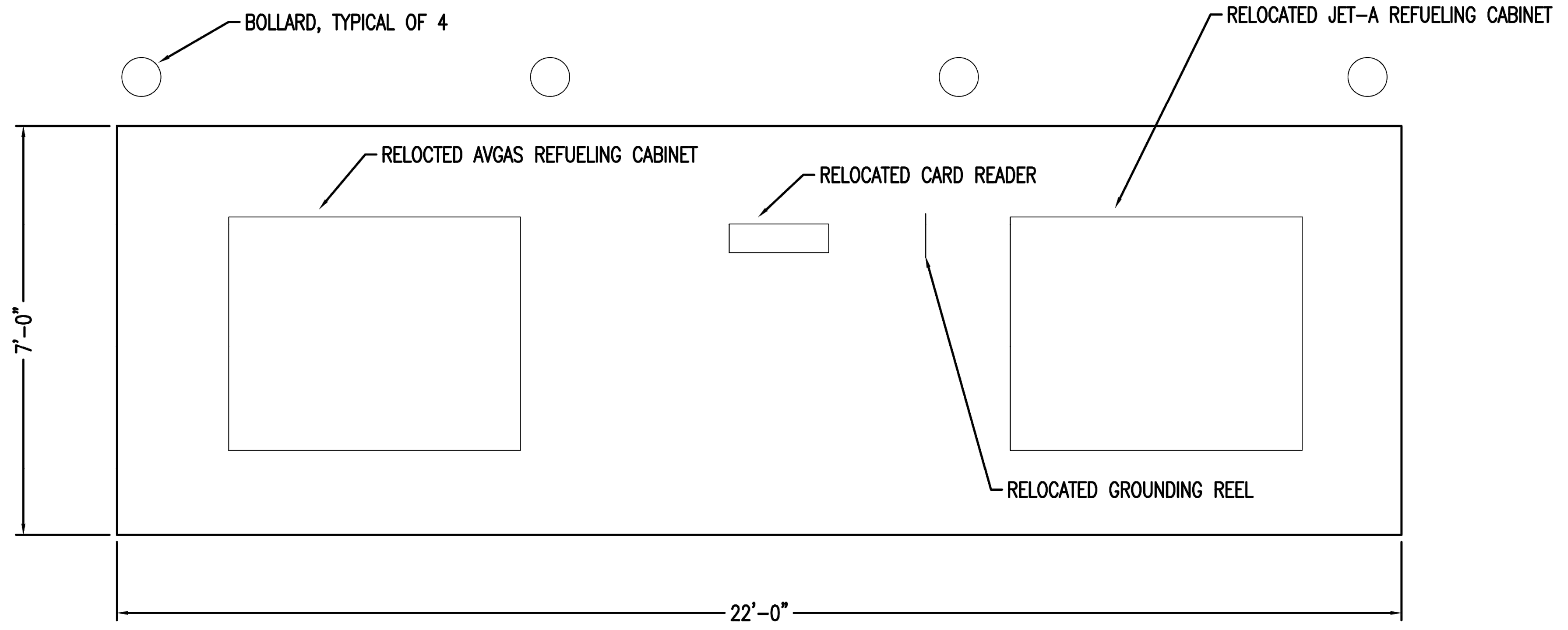
SITE LAYOUT PLAN
 JCA AIRPORT
 SELF SERVICE FUEL
 DISPENSER RELOCATION



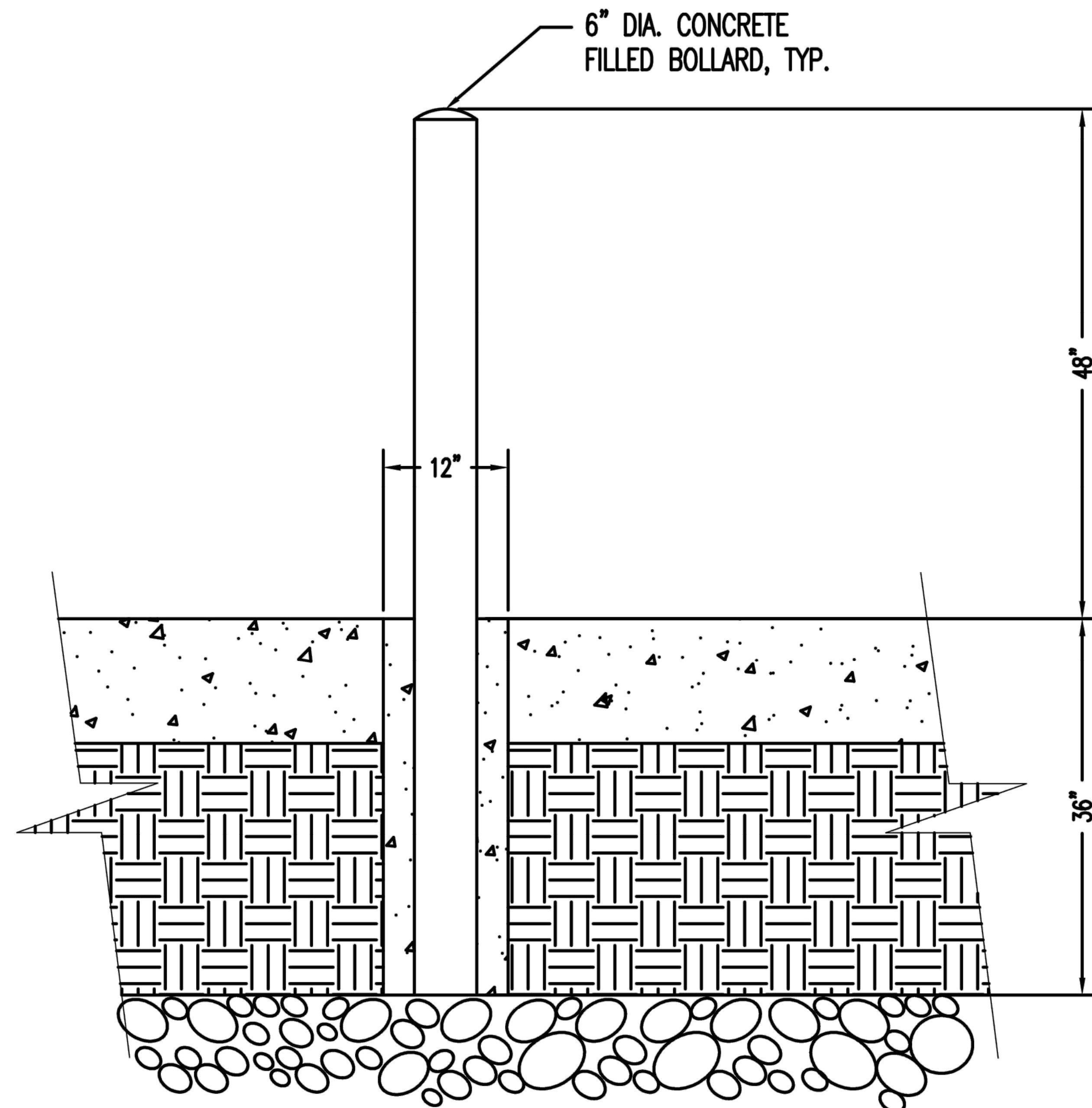
JACKSON COUNTY AIRPORT
 500 SKY HARBOR WAY
 JEFFERSON, GA 30549

Figure
M-4

SCALE: AS NOTED



EQUIPMENT PAD PLAN VIEW



6" DIA. CONCRETE
FILLED BOLLARD, TYP.

BOLLARD DETAIL

DATE	DESCRIPTION
	REVISIONS

DATE: 5/05/17



2004 COMMERCE DR. NORTH
PEACHTREE CITY, GA 30269
PHONE: (770) 631-1555
FAX: (770) 631-6644
WEB:
www.desconsultants.com

SITE LAYOUT PLAN
JCA AIRPORT
SELF SERVICE FUEL
DISPENSER RELOCATION



JACKSON COUNTY AIRPORT
500 SKY HARBOR WAY
JEFFERSON, GA 30549

Figure
M-5

SCALE: AS NOTED

ELECTRICAL SCOPE OF WORK NARRATIVE

1. THIS PROJECT CONSISTS OF: RELOCATING AN EXISTING FUEL DISPENSARY INCLUDING EXISTING FUEL CABINETS, GROUND REEL, CARD READER MACHINE, AND EMERGENCY FUEL SHUT-OFF STATION TO A REVISED LOCATION ON THE SITE AND PROVIDING NEW POWER AND COMMUNICATIONS CONDUITS TO THE LOCATION OF THE RELOCATED FUEL DISPENSARY AS SHOWN ON THESE DRAWINGS. THE ELECTRICAL SCOPE OF WORK SHALL INCLUDE ALL PANELS, GEAR, CONDUIT, WIRING, J-BOXES, SUPPORTS, FASTENINGS, BREAKERS, DISCONNECTS, ETC. AS INDICATED ON THESE DRAWINGS. UNLESS OTHERWISE NOTED, ALL THE MATERIALS FOR THE INSTALLATION SHOWN AS PART OF THESE DRAWINGS SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL SUBCONTRACTOR AS DETAILED ON THESE DRAWINGS. RE-WIRING OF THE EXISTING PUMPS, CARD READER, GROUNDING REEL, AND FUEL SHUT-OFF STATION SHALL ALSO BE PROVIDED AND INSTALLED AS DETAILED ON THESE DRAWINGS HEREIN.
2. THE EC SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND TOOLS REQUIRED TO COMPLETE THE INSTALLATION OF THE ELECTRICAL SYSTEMS INCLUDING BUT NOT LIMITED TO WIRING, BOXES, LIGHT FIXTURES, PANELS, SWITCHES, RECEPTACLES, STARTERS, FITTINGS, AND ALL OTHER WORK INDICATED ON THE DRAWINGS OR AS SPECIFIED HEREIN.
3. THE EC SHALL OBTAIN ALL PERMITS, INSPECTIONS, AND APPROVALS AS REQUIRED BY THE LOCAL AUTHORITIES HAVING JURISDICTION AND DELIVER CERTIFICATES OF APPROVAL TO THE GENERAL CONTRACTOR, IF APPLICABLE. ALL ASSOCIATED FEES SHALL BE PAID BY THE ELECTRICAL CONTRACTOR.
4. THE EC SHALL COMPLY WITH ALL CURRENT OSHA REQUIREMENTS AND INDUSTRY PRACTICED SAFETY MEASURES DURING THE INSTALLATION PROCESS. THIS SHALL BE STRICTLY ADHERED TO.
5. THE EC SHALL FURNISH ALL MATERIALS AND EQUIPMENT OF THE ELECTRICAL SYSTEM NECESSARY FOR ITS PROPER OPERATION. ANYTHING REQUIRED, BUT NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND INSTALLED WITHOUT ADDITIONAL CHARGE.
6. THE EC SHALL SUBMIT INFORMATION TO THE ENGINEER OF ALL EQUIPMENT, DEVICES, AND WIRING COMPONENTS INTENDED TO BE PROVIDED FOR THIS PROJECT. THIS INCLUDES PANELS, WIRING, DEVICES, CONDUITS, BOXES, CABLE TRAYS, WIRE AND CABLE, TRANSFORMERS, AND CONTROL DEVICES. ALL SUBSTITUTIONS FOR EQUIPMENT AND MATERIALS OTHER THAN THE EXACT MATERIALS SPECIFIED SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. THE ENGINEER RETAINS THE FINAL JUDGEMENT ON EQUALITY OF SUBSTITUTIONS.

GENERAL ELECTRICAL CONSTRUCTION NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE ELECTRICAL WORK WITH OTHER DIVISIONS WITH PARTICULAR ATTENTION GIVEN TO THE MECHANICAL DISCIPLINE AND EQUIPMENT.
2. THE ELECTRICAL PLANS ARE DIAGRAMMATIC IN NATURE AND DO NOT DEPICT EXISTING FIELD CONDITIONS WHICH MAY IMPEDE THIS WORK FROM BEING PERFORMED.
3. ALL ELECTRICAL WORK SHALL CONFORM WITH THE ENFORCED VERSION OF THE NEC AND ANY OTHER LOCALLY ENFORCED REQUIREMENTS WHICH MAY BE MORE STRINGENT THAN THE NEC.
4. DIRECT ANY AND ALL QUESTIONS AND DISCREPANCIES TO THE ELECTRICAL ENGINEER FOR RESOLUTION. DO NOT INSTALL MATERIALS IN QUESTION WITHOUT RESOLUTION FROM THE ENGINEER.
5. ALL WIRING IN ALL AREAS SHALL BE ROUTED IN RGS TYPE CONDUIT, UNLESS INDICATED OTHERWISE. ALL WIRES AND CABLES SHALL BE COPPER STRANDED AND COLOR CODED AS NOTED IN SPECIFICATIONS. NO SINGLE CONDUIT SHALL CONTAIN MORE THAN 6 CURRENT CARRYING CONDUCTORS. MINIMUM CONDUCTOR SIZE SHALL BE #12 STRANDED COPPER; MINIMUM CONDUIT SIZE SHALL BE 3/4". IN EXTERIOR AREAS, ANY EXPOSED CONDUIT SHALL BE RGS (RIGID GALVANIZED STEEL). SCHEDULE 40 PVC SHALL BE ALLOWED UNDERGROUND ONLY IF APPROVED BY OWNER PRIOR TO INSTALLATION.
6. FOR CONDUIT COUPLINGS, THE ELECTRICAL CONTRACTOR SHALL USE COMPRESSION TYPE COUPLINGS. EVERY CONDUIT SHALL HAVE A MINIMUM SIZED #12 GROUND WIRE INCLUDED IN IT AND BONDED TO THE GROUND BUSSES, LUGS, EQUIPMENT ENCLOSURES, PANEL BOXES, ETC. AT BOTH ENDS TO INSURE ALL EQUIPMENT IS ELECTRICALLY GROUNDING. USE OF RACEWAY GROUNDING AS THE SOLE GROUNDING MEANS (ELIMINATION OF THE GROUNDING CONDUCTOR DESCRIBED IN THIS NOTE) SHALL NOT BE ALLOWED.
7. THE EC SHALL DEVELOP AND MAINTAIN A SET OF "RED-LINED AS-BUILT" DRAWINGS. THESE DRAWINGS SHOULD BE MAINTAINED AT THE PROJECT CONSTRUCTION SITE AND AVAILABLE TO THE ENGINEER UPON REQUEST. THEY SHOULD BE CURRENT AND SHOULD REFLECT ALL ACTUAL ASPECTS OF THE ELECTRICAL INSTALLATION WHICH DEVIATED FROM THE ELECTRICAL DESIGN AT THE CONSENT OF THE ENGINEER. THESE DRAWINGS SHOULD BE SUBMITTED TO THE ENGINEER AT THE COMPLETION OF ALL THE WORK AND SHOULD INCLUDE ALL PUNCH LIST ITEMS AND THEIR CORRESPONDING RESOLUTIONS AS IMPLEMENTED AND SHOULD ALSO INCLUDE ALL TEST RESULTS.

SITE LIGHTING FIXTURE SCHEDULE

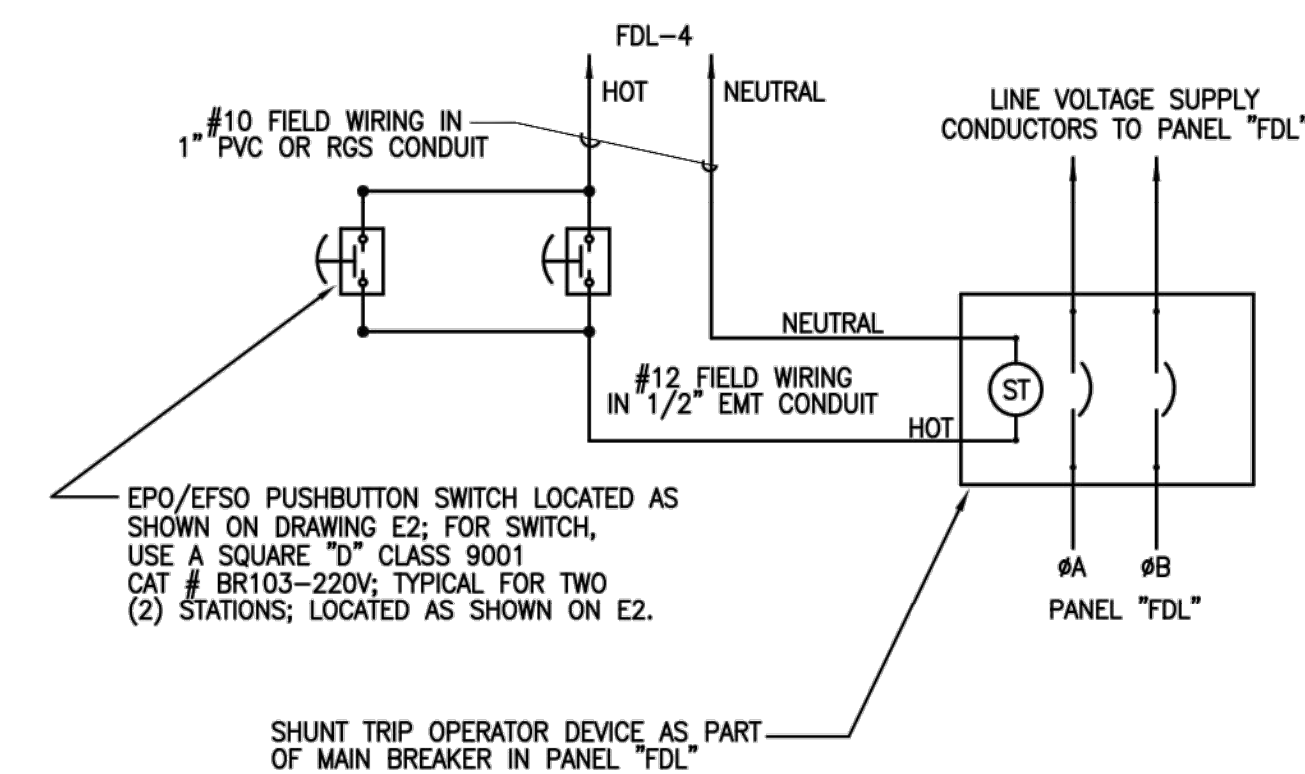
FIXTURE TYPE	DESCRIPTION & CATALOG NUMBER	MOUNTING	VOLTAGE	LAMPS		INPUT WATTS
				#	TYPE	
A	LED ARM-MOUNTED AREA FIXTURE ON A 15" HIGH 4" SQUARE STRAIGHT ALUMINUM POLE LITHONIA # KADLED-60C-1000-40K-R5-120V-SPD04-PER7-SF-DBBXD	SEE NOTES 1 & 2 BELOW	120V	1	60 LED 1000 Ma DRVR PNL	216

LIGHTING FIXTURE SCHEDULE NOTES:

1. REFER TO DETAIL #2 ON DRAWING E3 FOR POLE BASE DETAIL.
2. INSTALL POLE PER MANUFACTURER'S RECOMMENDATIONS FOR ANCHOR BOLT SIZE/PLACEMENT AND INSTALLATION NOTES.

ELECTRICAL DRAWING LIST

DWG #	DRAWING TITLE
E1	ELECTRICAL LEGEND SHEET
E2	ELECTRICAL SITE PLAN
E3	ELECTRICAL DETAILS



EPO/EFSO OPERATION DESCRIPTION:

IF AN EMERGENCY SITUATION OCCURS AT EITHER DISPENSER, ANY PERSONNEL MAY REMOVE ALL POWER TO THE ENTIRE FUELING AREA BY DEPRESSING ONE OF THE EPO OR EFSO SWITCHES; LABEL EACH SWITCH "EMERGENCY POWER OFF"; MOUNT SWITCHES AT LOCATIONS SHOWN ON E2 AND AS FIELD COORDINATED WITH OWNER.

EMERGENCY POWER OFF "EPO" OR EMERGENCY FUEL SHUT OFF "EFSO" CONTROL WIRING DIAGRAM

1
E1 SCALE: N.T.S.

DATE	DESCRIPTION
REVISIONS	
DATE: 5/05/17	

DATE: 5/05/17



2004 COMMERCE DR. NORTH
PEACHTREE CITY, GA 30269
PHONE: (770) 631-1555
FAX: (770) 631-6644
WEB:
www.desconsultants.com

ELECTRICAL LEGEND
JCA AIRPORT
SELF SERVICE FUEL
DISPENSER RELOCATION



JACKSON COUNTY AIRPORT
500 SKY HARBOR WAY
JEFFERSON, GA 30549


Figure
E1

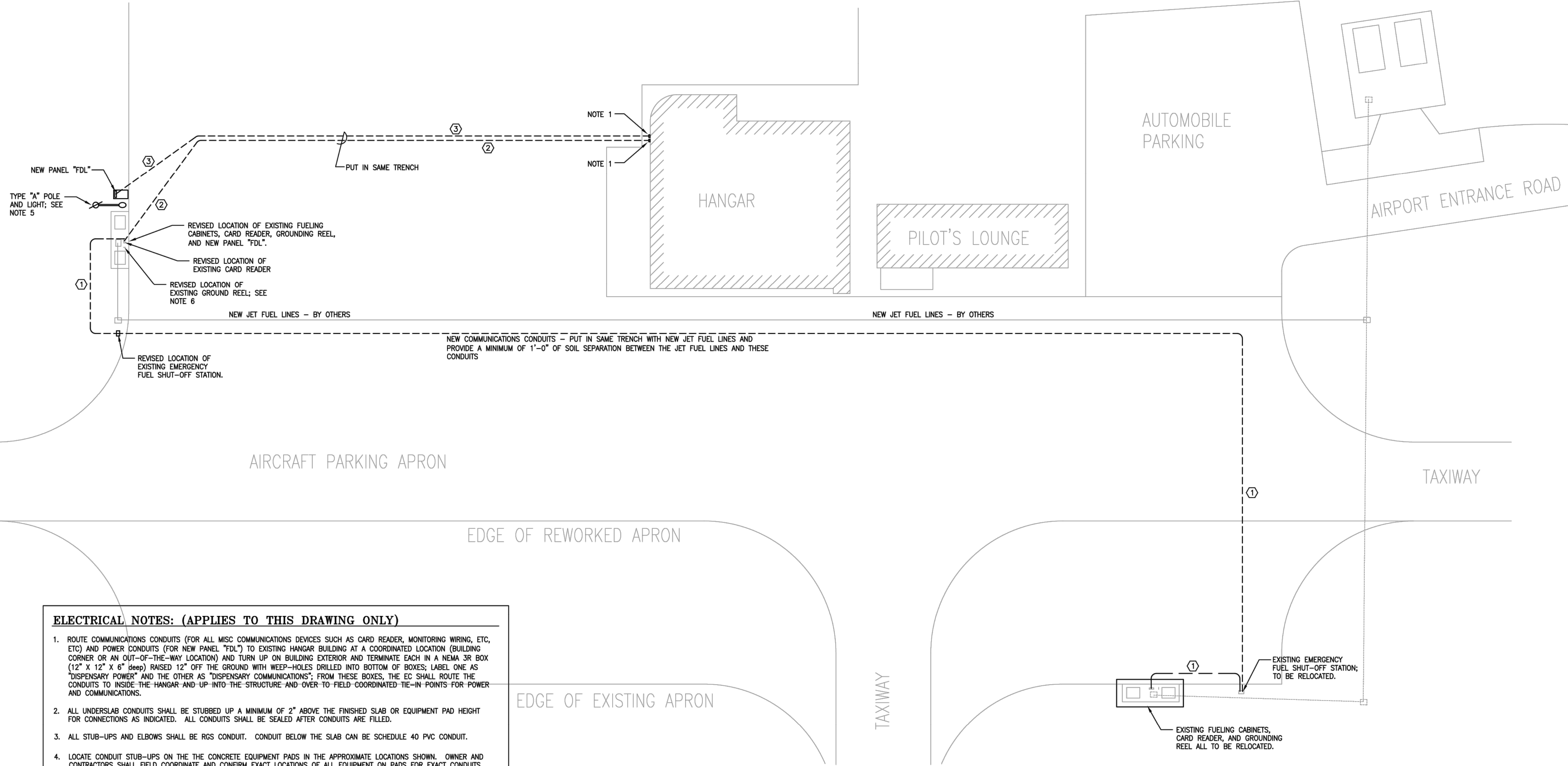
SCALE: AS NOTED

UNDERSLAB CONDUIT SCHEDULE

- ① (2) NEW 2" PVC CONDUITS FOR COMMUNICATIONS CABLING BETWEEN EXISTING FUEL DISPENSARY LOCATION AND NEW DISPENSARY LOCATION.
- ② (2) NEW 4" PVC CONDUITS FOR COMMUNICATIONS CABLING BETWEEN NEW DISPENSARY LOCATION AND EXISTING HANGAR.
- ③ NEW POWER FEEDER FROM EXISTING HANGAR OUT TO NEW PANEL "FDL" AT NEW FUEL DISPENSARY; WILL CONSIST OF (2) NEW 2" PVC CONDUITS, ONE AS A SPARE AND ONE WITH (3) #1 & (1) #8 GND.

ELECTRICAL CONTRACTOR SHOULD NOTE THAT THE CONDUIT ROUTINGS AND LOCATIONS SHOWN WERE SHOWN FOR DIAGRAMMATICAL PURPOSES ONLY. THE CONTRACTOR IS AT LIBERTY TO MOVE CONDUITS AND ALTER CONDUIT ROUTINGS AS NEEDED TO REDUCE COSTS AND CLEAN UP THE INSTALLATION.

 IF YOU DIG ... CALL US FIRST!
1 800 282-7411
UTILITIES PROTECTION CENTER
IT'S THE LAW



- ELECTRICAL NOTES: (APPLIES TO THIS DRAWING ONLY)**
- ROUTE COMMUNICATIONS CONDUITS (FOR ALL MISC COMMUNICATIONS DEVICES SUCH AS CARD READER, MONITORING WIRING, ETC. ETC) AND POWER CONDUITS (FOR NEW PANEL "FDL") TO EXISTING HANGAR BUILDING AT A COORDINATED LOCATION (BUILDING CORNER OR AN OUT-OF-THE-WAY LOCATION) AND TURN UP ON BUILDING EXTERIOR AND TERMINATE EACH IN A NEMA 3R BOX (12" X 12" X 6" deep) RAISED 12" OFF THE GROUND WITH WEEP-HOLES DRILLED INTO BOTTOM OF BOXES; LABEL ONE AS "DISPENSARY POWER" AND THE OTHER AS "DISPENSARY COMMUNICATIONS"; FROM THESE BOXES, THE EC SHALL ROUTE THE CONDUITS TO INSIDE THE HANGAR AND UP INTO THE STRUCTURE AND OVER TO FIELD COORDINATED TIE-IN POINTS FOR POWER AND COMMUNICATIONS.
 - ALL UNDERSLAB CONDUITS SHALL BE STUBBED UP A MINIMUM OF 2" ABOVE THE FINISHED SLAB OR EQUIPMENT PAD HEIGHT FOR CONNECTIONS AS INDICATED. ALL CONDUITS SHALL BE SEALED AFTER CONDUITS ARE FILLED.
 - ALL STUB-UPS AND ELBOWS SHALL BE RGS CONDUIT. CONDUIT BELOW THE SLAB CAN BE SCHEDULE 40 PVC CONDUIT.
 - LOCATE CONDUIT STUB-UPS ON THE THE CONCRETE EQUIPMENT PADS IN THE APPROXIMATE LOCATIONS SHOWN. OWNER AND CONTRACTORS SHALL FIELD COORDINATE AND CONFIRM EXACT LOCATIONS OF ALL EQUIPMENT ON PADS FOR EXACT CONDUITS STUB-UP LOCATIONS AND CONDUIT ROUTING.
 - THE EC SHALL PROVIDE AND INSTALL ONE (1) TYPE "A" SITE LIGHTING POLE AND LIGHT FIXTURE AT LOCATION SHOWN AND WIRE TO A DEDICATED SWITCH LOCATED AT THE POWER PANEL "FDL" SO THE POLE LIGHT CAN BE TURNED "ON" FROM THAT LOCATION; CIRCUIT UNDERGROUND USING (2) #10 & (1) #10 GND IN 1" PVC CONDUIT. REFER TO DRAWING E1 FOR SITE LIGHTING FIXTURE SCHEDULE.
 - THE EC SHALL PROVIDE AND INSTALL ONE (1) 10'-0" LONG X 3/4" COPPER-CLAD STEEL GROUNDING ROD TO DRIVE JUST OFF THE NEW DISPENSARY PAD FOR CONNECTION TO THE EXISTING AND RELOCATED GROUNDING REEL. THE EC SHALL CONNECT THE GROUNDING REEL TO THE GROUNDING ROD USING A #1/0 BARE COPPER WIRE AND SHALL ALSO RUN A #1/0 BARE COPPER WIRE OVER TO THE EQUIPMENT STAND AT THE NEW PANEL "FDL" AND BOND TO THE STAND AS WELL AS TO THE GROUND BAR IN THE NEW PANEL "FDL".

① **ELECTRICAL SITE PLAN**
E2 SCALE: 1" = 20'-0"

DATE	DESCRIPTION
REVISIONS	
DATE: 5/05/17	
	
2004 COMMERCE DR. NORTH PEACHTREE CITY, GA 30269 PHONE: (770) 631-1555 FAX: (770) 631-6644 WEB: www.desconsultants.com	

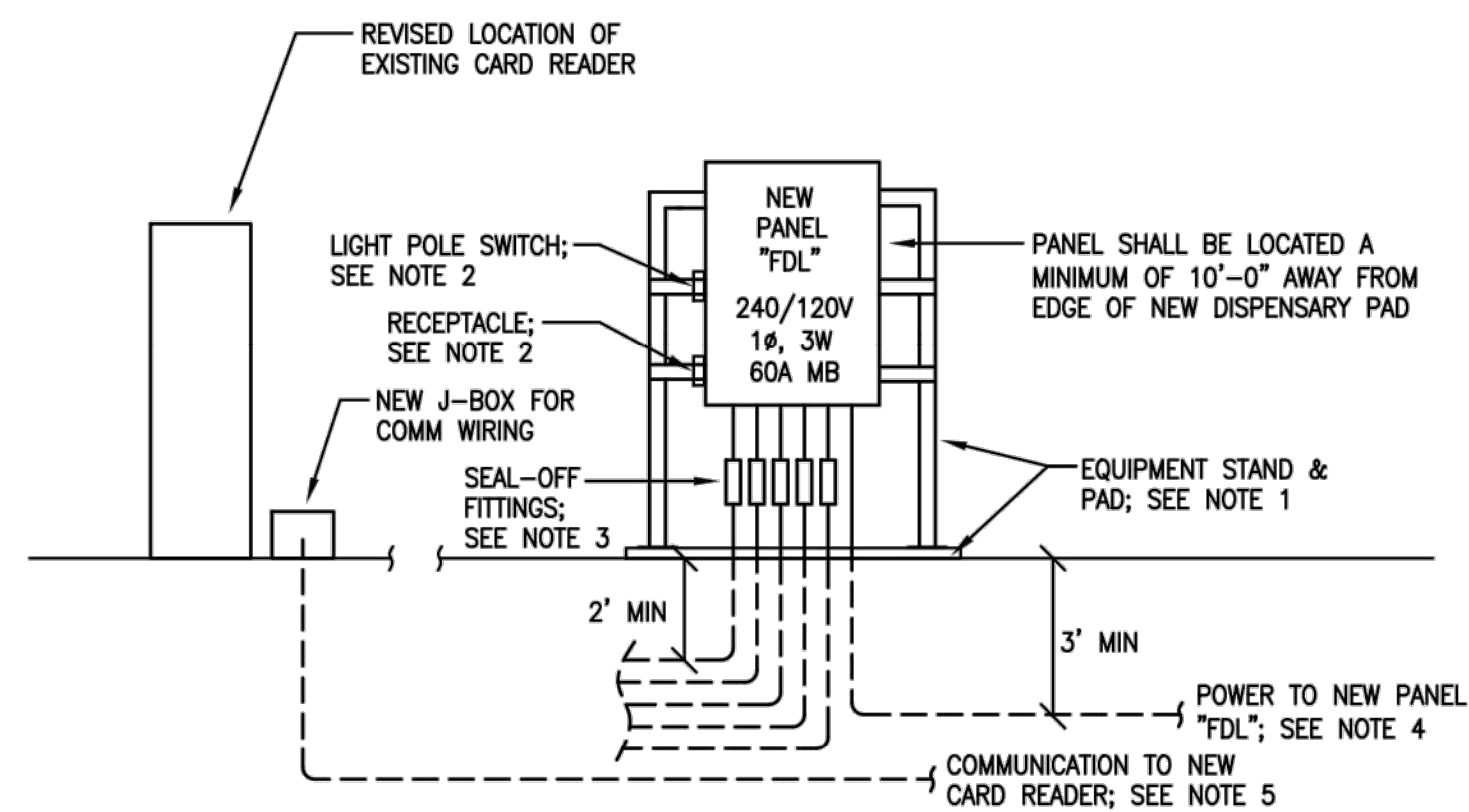
ELECTRICAL SITE PLAN
JCA AIRPORT
SELF SERVICE FUEL
DISPENSER RELOCATION



JACKSON COUNTY AIRPORT
500 SKY HARBOR WAY
JEFFERSON, GA 30549

Figure
E2

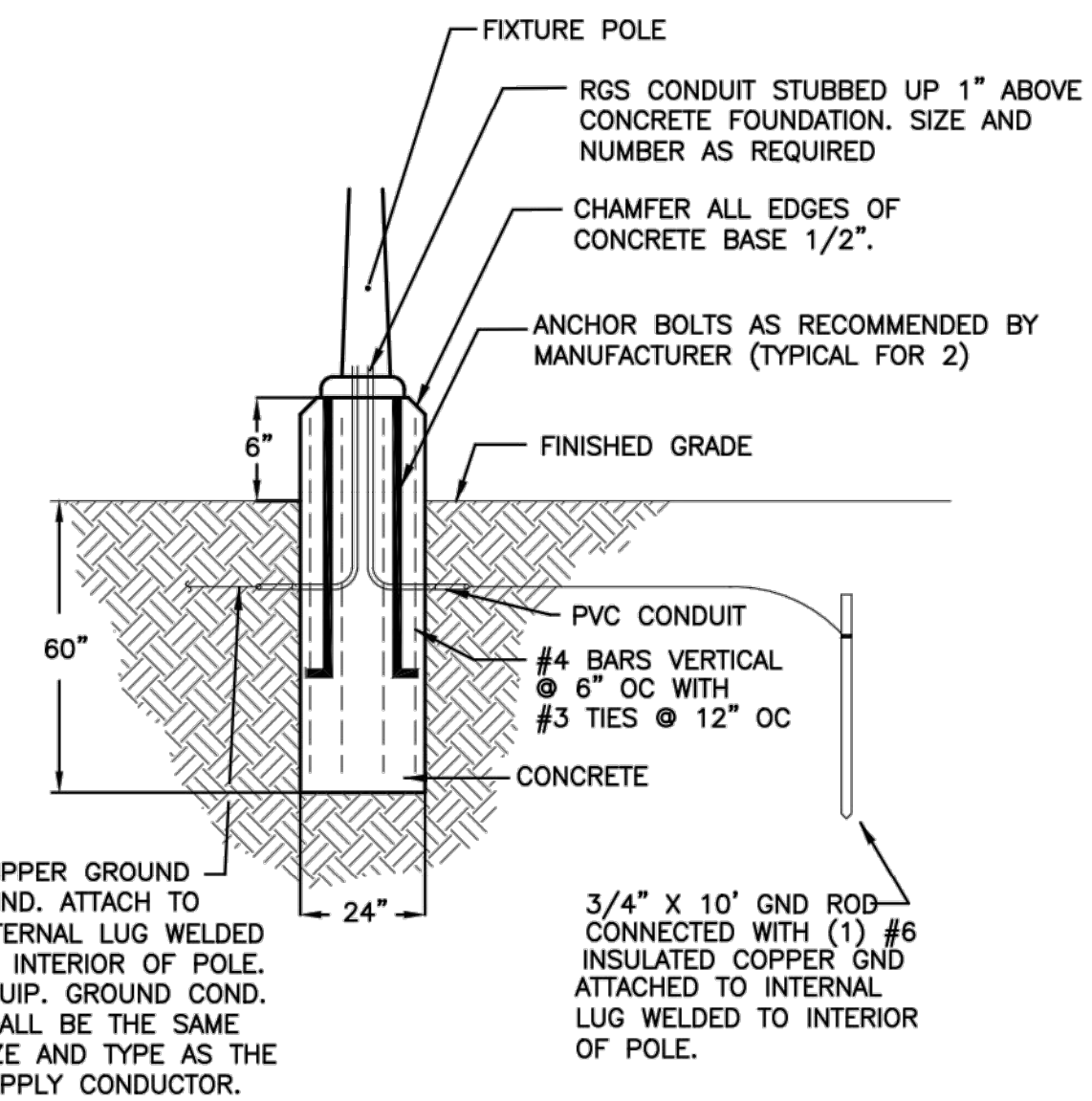
SCALE: AS NOTED



1 ONE LINE DIAGRAM
E3 SCALE: N.T.S.

ONE LINE DIAGRAM NOTES: (APPLIES TO 1/E3 ONLY)

- EC SHALL INSTALL EQUIPMENT STAND AND EQUIPMENT PAD WITH DIMENSIONS AS REQUIRED FOR PANEL "FDL" AND TO ALLOW 4'-0" CLEAR ON PAD IN FRONT OF PANEL - INSTALL PAD AND STAND PER DETAILS #3 AND #5 ON THIS DRAWING
- THE EC SHALL PROVIDE AND INSTALL ONE (1) 20AMP, 120V, GFI TYPE RECEPTACLE IN A WEATHERPROOF BOX AT THE SIDE OF THE PANEL AS SHOWN AND CIRCUIT TO "FDL-7" USING (2) #12 & (1) #12 GND IN 1/2" LIQUID-TIGHT FLEXIBLE CABLE WIRING WHIP FROM PANEL TO RECEPTACLE. INSTALL RECEPTACLE ON SIDE OF PANEL AT A HEIGHT OF 2'-0" ABOVE GRADE. THE EC SHALL ALSO INSTALL A NEMA 3R RATED SWITCH JUST ABOVE THE RECEPTACLE TO CONTROL THE POLE LIGHTS AND WIRE IN TO CONTROL THAT CIRCUIT, FDL-5.
- ALL CONDUITS STUBBED OUT OF THE SLAB FOR CONNECTION TO EQUIPMENT FOR POWER AND CONTROLS SHALL UTILIZE SEAL-OFF TYPE FITTINGS BELOW THE PANEL AS DETAILED ON DETAIL #4 ON THIS DRAWING
- FOR THE NEW DISPENSARY POWER SERVICE TO THE NEW PANEL "FDL", THE EC SHALL COORDINATE WITH THE OWNER TO PROVIDE A NEW 60 AMP, 240/120V, 1PH, 4W SERVICE FROM THE EXISTING HANGAR BUILDING AS SHOWN ON DRAWING E2. THE EC SHALL WORK IN CONJUNCTION WITH THE OWNER TO CONFIRM THIS POWER AND CONFIRM THAT THE CHARACTERISTICS OF THE EXISTING SERVICE IN THE EXISTING HANGAR BUILDING WILL MEET THE REQUIREMENTS OF THE NEW SERVICE AS SHOWN ON THE NEW PANEL "FDL" SCHEDULE. COORDINATE WITH THE AIRPORT AUTHORITY AND FIELD ADJUST EXACT ROUTING OF UNDERGROUND CONDUIT RUNS ACCORDINGLY.
- THE EC SHALL FIELD COORDINATE THE ROUTING AND DISTANCE FOR THE WORK ASSOCIATED WITH TELECOMMUNICATIONS CONDUITS FROM THE NEW DISPENSARY TO THE EXISTING HANGAR BUILDING FOR COMMUNICATIONS TIE-IN AS DIRECTED BY THE OWNER
- THE EC SHALL PROVIDE AND INSTALL AN EMERGENCY SHUT-OFF / E.P.O. SYSTEM AS DETAILED ON DRAWING E1, DETAIL #1. WIRE THE SINGLE SHUT-OFF STATION IN TO ACTIVATE THE SHUNT TRIP MAIN BREAKER IN PANEL "FDL"

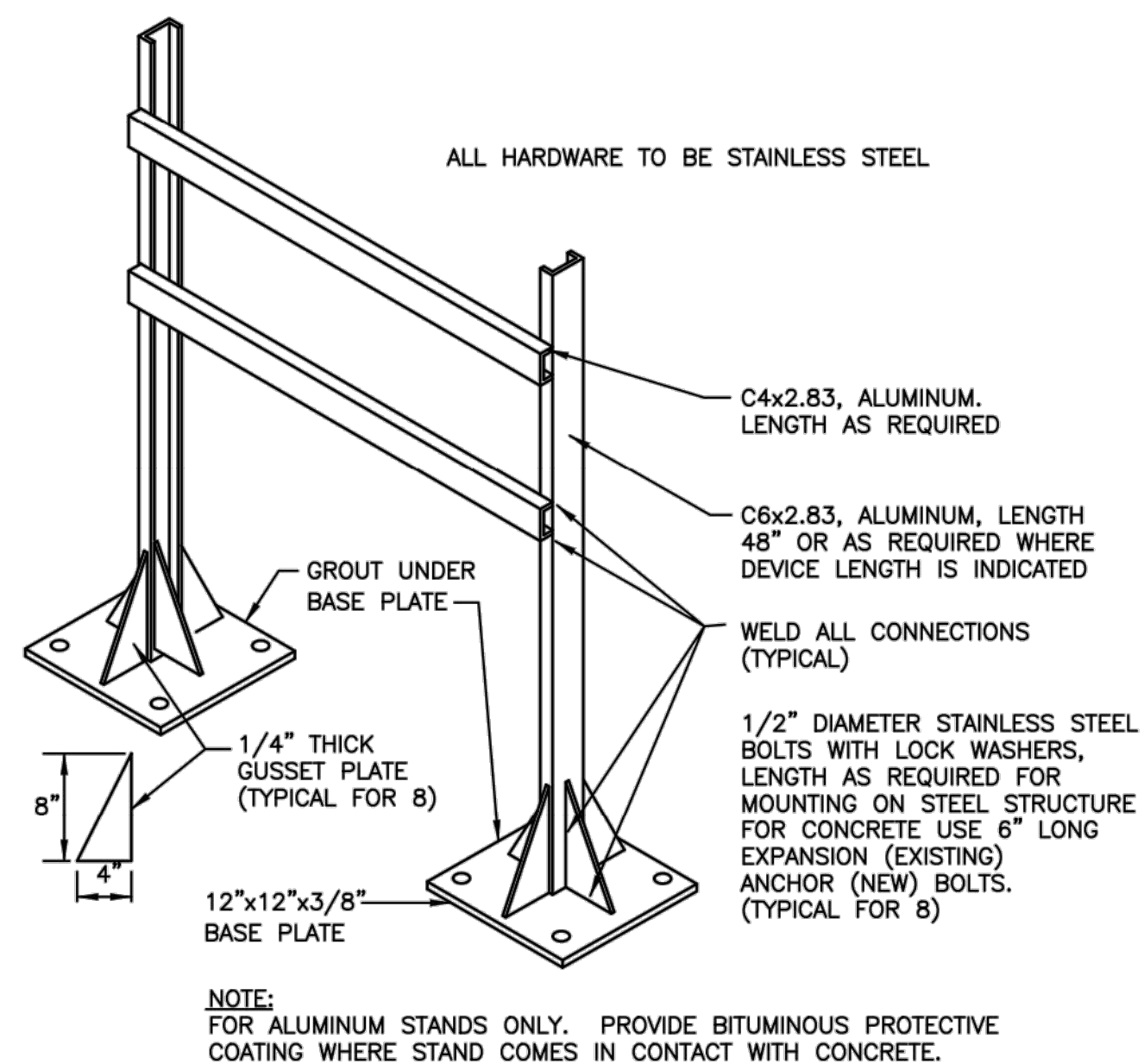


2 LIGHT POLE BASE DETAIL
E3 SCALE: N.T.S.

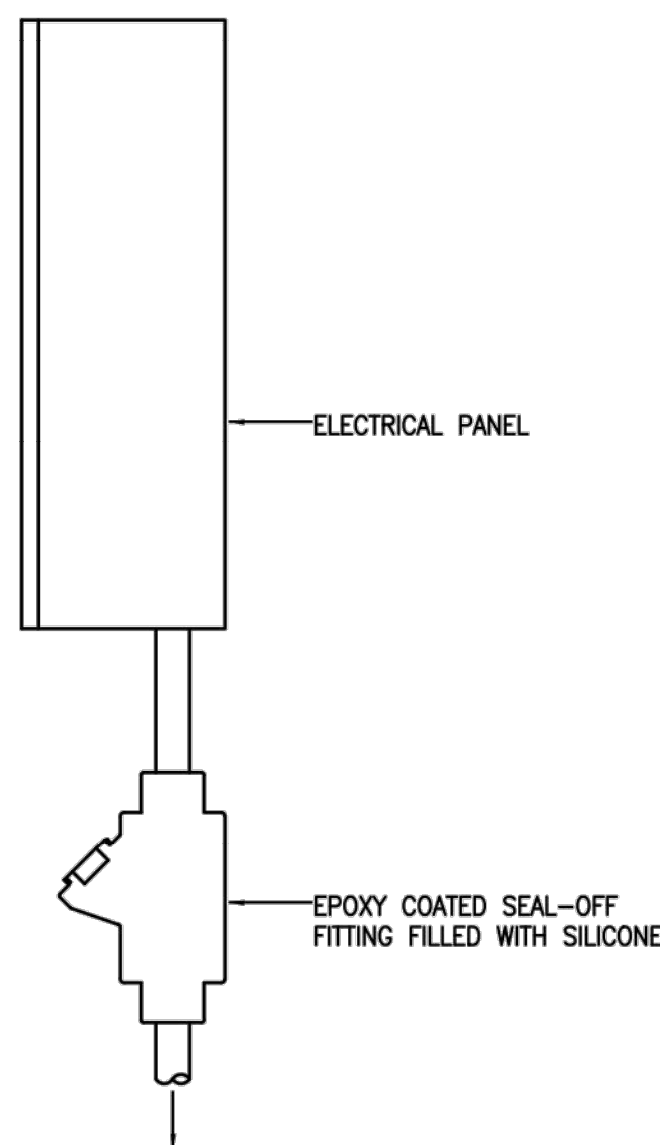
NEMA 4X PANEL - SEE NOTE 6 ON THIS DRAWING

SERVICE 240/120V, 1 Ø, 3 WIRE		PANEL FDL		MAIN 60A MB		
MTG SURFACE		I.C. 10 KAIC		REMARKS PROVIDE WITH SHUNT TRIP TYPE MB		
BRANCH CIRCUIT		NEUTRAL		BRANCH CIRCUIT		
NO.	LOAD DESCRIPTION	LOAD (kVA)	Ø	Ø	LOAD (kVA)	Ø
1	AVGAS FUELING CABINET	1.0	20		20	2
3	JET-A FUELING CABINET	1.0	20		20	4
5	POLE LIGHT	0.3	20		20	6
7	RECEPT AT PANEL	0.5	20		20	8
9	SPARE		20		20	10
11	SPARE		20		20	12
13	SPACE					14
15	SPACE					16
17	SPACE					18
19	SPACE					20
21	SPACE					22
23	SPACE					24
CONNECTED LOAD: A. 2.0 KVA		B. 2.0 KVA		TOTAL 4.0 KVA		

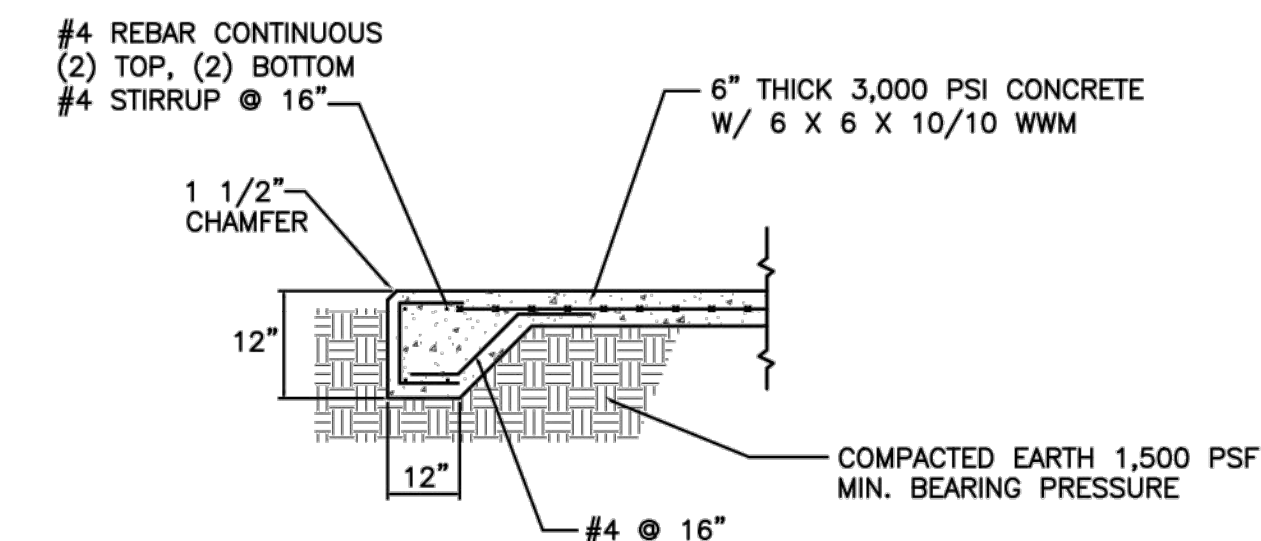
NOTES:
CONNECTED LOAD = DEMAND LOAD = 4 KVA = 17 AMPS



3 DUAL SUPPORT STAND
E3 SCALE: N.T.S.



4 CONDUIT SEAL-OFF DETAIL
E3 SCALE: N.T.S.



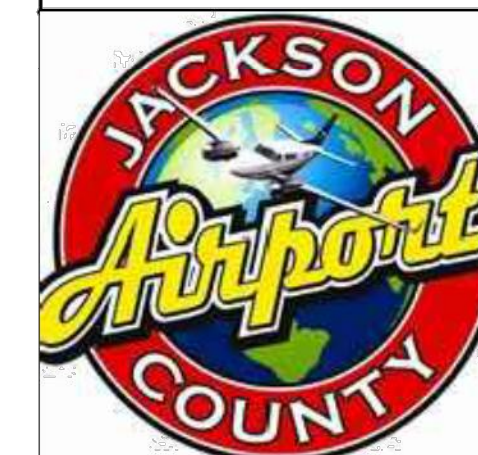
5 ELECTRICAL EQUIPMENT PAD DETAIL
E3 SCALE: N.T.S.

DATE	DESCRIPTION
REVISIONS	
DATE: 5/05/17	



2004 COMMERCE DR. NORTH
PEACHTREE CITY, GA 30269
PHONE: (770) 631-1555
FAX: (770) 631-6644
WEB:
www.desconsultants.com

ONE LINE DIAGRAM
JCA AIRPORT
SELF SERVICE FUEL
DISPENSER RELOCATION



JACKSON COUNTY AIRPORT
500 SKY HARBOR WAY
JEFFERSON, GA 30549

Figure
E3

SCALE: AS NOTED