DESIGN CRITERIA AND REFERENCES

- INTERNATIONAL BUILDING CODE (IBC), 2015.
- INTERNATIONAL FIRE CODE (IFC), 2015.
- INTERNATIONAL MECHANICAL CODE (IMC), 2015.
- INTERNATIONAL PLUMBING CODE (IPC), 2015.
- NATIONAL ELECTRICAL CODE (NEC), 2017.
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2016.
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 20, STANDARD FOR THE INSTALLATION STATIONARY PUMPS FOR FIRE PROTECTION, 2016.
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70, NATIONAL ELECTRICAL CODE, 2017.
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 72, NATIONAL FIE ALARM AND SIGNALING CODE, 2016.
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 75, STANDARD FOR THE PROTECTION OF INFORMATION TECHNOLOGY EQUIPMENT, 2013.
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 90A, STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATION SYSTEMS, 2015.
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 92, STANDARD FOR SMOKE CONTROL SYSTEMS, 2015.
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101, LIFE SAFETY CODE, 2015
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 110, STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS, 2016
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 780, STANDARD FOR THE INSTALLATION OF LIGHT PROTECTION SYSTEMS, 2015.
- APPLICABLE FAA ORDERS AND STANDARDS.

CONSTRUCTION NOTES

1. FAA WILL COORDINATE PHASING PLAN WITH FACILITY TO MINIMIZE THE DISRUPTION OF OPERATIONS. THE CONTRACTOR SHALL USE THIS PHASING PLAN AND PROVIDE A COMPLETE AND COMPREHENSIVE SCHEDULE TO THE CONTRACTING OFFICERS REPRESENTATIVE FOR REVIEW AND APPROVAL BEFORE A NOTICE TO PROCEED IS ISSUED. SCHEDULE SHALL OUTLINE ALL PHASES OF THE WORK AND THEIR IMPACT ON THE OPERATION OF THE FACILITY.
2. SIGNIFICANT AMOUNTS OF WORK MUST BE COMPLETED AFTER NORMAL OPERATING HOURS.
3. CONSTRUCTION NOISE, DUST AND DEBRIS MUST NOT INTERFERE WITH OPERATION OF ATCT FACILITY. MAINTAIN HEPA FILTRATION OF CONSTRUCTION AREA DURING ALL GENERAL CONSTRUCTION SEQUENCES.
4. THE CONSTRUCTION OF THIS PROJECT MUST NOT INTERFERE WITH OPERATION OF THE AIR TRAFFIC CONTROL FUNCTION OR ACCESS AND EGRESS TO THE FACILITY DURING NORMAL OPERATING HOURS. ALL WORK NEEDS TO BE COORDINATED WITH FAA CONTRACTING OFFICERS REPRESENTATIVE TO AVOID DISRUPTION TO THE NORMAL OPERATIONS OF THE FACILITY. NORMAL HOURS OF OPERATION ARE STATED IN DIVISION 1 OF THE SPECIFICATIONS.
5. LOCKOUT AND TAG PROCEDURES MUST BE FOLLOWED AT ALL TIMES.
6. IF NECESSARY ALL ELECTRONIC EQUIPMENT CIRCUITS SHALL BE RELOCATED BY THE FAA. ALL OTHER BUILDING SYSTEMS CIRCUITS SHALL BE RELOCATED BY THE CONTRACTOR. COORDINATE WITH CONTRACTING OFFICERS REPRESENTATIVE.
7. CONTRACTOR SHALL USE VERY LOW VOC PAINTS AND COATINGS AND PROVIDE ADEQUATE MEASURES FOR VENTILATION TO MINIMIZE ODORS DURING PAINTING, CURING OF FRP RESINS AND OTHER CONSTRUCTION ACTIVITIES THAT HAVE THE POTENTIAL FOR STRONG ODORS. THE CONTRACTING OFFICERS REPRESENTATIVE SHALL APPROVE THE SYSTEM TO BE UTILIZED FOR VENTILATION PRIOR TO USE.
8. DO NOT PAINT OVER ANY FIRE DOOR LABEL.
9. REINSTALL ALL SMOKE/FIRE DETECTORS AS REQUIRED.
10. ALL INTERIOR DIMENSIONS ARE FROM THE FACE OF STUD OF MASONRY STRUCTURE, UNLESS OTHERWISE NOTED.
11. ALL EXTERIOR DIMENSIONS ARE FROM THE EXTERIOR FACE OF WALL.
12. MANUFACTURED ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
13. IF AN UNSAFE CONDITION OR LIFE THREATENING HAZARD IS NOTED AT THE SITE, NOTIFY THE FAA CONTRACTING OFFICERS REPRESENTATIVE IMMEDIATELY.
14. ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS , OR ANY AMBIGUITIES OR INCONSISTENCIES CONTAIN THEREIN, SHALL BE REPORTED TO THE FAA CONTRACTING OFFICERS REPRESENTATIVE (COR) IMMEDIATELY, AND SUITABLE RESOLUTION ESTABLISHED PRIOR TO THE BEGGINING OF THE AFFECTED WORK. WORK THAT PROCEEDS IN VIOLATION OF THIS PRINCIPLE IS AT THE CONTRACTOR'S OWN RISK, AND THE COST OF ANY CHANGES REQUIRED BY THE CLIENT TO SUITABLY MODIFY SUCH WORK SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
15. THESE DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS. IF THERE ARE DIMENSIONS DISCREPANCIES OR CONCERNS, CONTACT THE FAA COR TO CLARIFY.

DEMOLITION NOTES

1. FACILITY TO BE PROTECTED DURING CONSTRUCTION AND FROM DAMAGE TO ANY EXISTING OR ADJACENT FINISHES, MATERIALS, FIXTURES OR BUILDING ASSEMBLIES. REPAIR ALL AREAS AFFECTED BY THE CONSTRUCTION TO MAINTAIN THEIR EXISTING APPEARANCE, UNLESS NOTED OTHERWISE.
2. STRUCTURAL INTEGRITY SHALL BE MAINTAINED FOR ALL BUILDING ELEMENTS DURING AND AFTER DEMOLITION.
3. IF A PORTION OF AN EXISTING WALL IS DEMOLISHED OR PATCHED, THE ENTIRE WALL OR CEILING SHALL BE PAINTED AFTER NEW CONSTRUCTION IS COMPLETED.

CONSTRUCTION STAGING NOTES

THE FOLLOWING NOTES REPRESENT MANY OF THE MAJOR REQUIREMENTS STATED IN "DIVISION 1 - GENERAL REQUIREMENTS" OF THE SPECIFICATIONS. THESE NOTES PARAPHRASE OR SUPPLEMENT DIVISION 1 REQUIREMENTS AND ARE NOT INTENDED TO REPLACE DIVISION 1 REQUIREMENTS.

CONSTRUCTION ACCESS (VEHICLE, PEDESTRIAN AND DELIVERIES), CONTRACTOR'S PARKING, CONSTRUCTION OFFICES AND THE EXTENT/SIZE OF THE CONSTRUCTION STAGING AREA MUST BE COORDINATED WITH SITE PERSONNEL VIA THE FAA CONTRACTING OFFICERS REPRESENTATIVE.

A. CONSTRUCTION ACCESS

1. DELIVERIES SHALL BE SCHEDULED 48 HOURS IN ADVANCE WITH THE FAA CONTRACTING OFFICERS REPRESENTATIVE AND AT TIMES OTHER THAN THE FAA EMPLOYEE SHIFT CHANGES TO AVOID CONGESTION.

B. CONTRACTOR STAGING AREA AND PARKING

1. CONTRACTOR'S STAGING AND PERSONNEL PARKING IS LIMITED AND SHALL BE DETERMINED AT THE PRECONSTRUCTION CONFERENCE. CONTRACTOR SHALL PROVIDE SIGNS AS NECESSARY TO RESERVE AN AREA FOR CONSTRUCTION PARKING ONLY.

C. FAA SECURITY REQUIREMENTS

1. AN ADVANCE LIST OF THE CONTRACTOR'S PERSONNEL SHALL BE PROVIDED TO THE FAA CONTRACTING OFFICERS REPRESENTATIVE. CONTRACTOR SUPERINTENDENT IS REQUIRED TO OBTAIN AN FAA CONTRACTOR BADGE PRIOR TO THE START OF WORK. A FACILITY ACCESS CARD WILL BE ISSUED AND WILL ALLOW ACCESS TO THE PERIMETER GATE. CONTRACTOR TO COORDINATE WITH HIS SUBS AND EMPLOYEES THE ACCESS TO THE FACILITY. TEMPORARY SECURITY BADGES MAY BE ISSUED TO THOSE CONSTRUCTION PERSONNEL. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONDUCT OF CONTRACTOR'S PERSONNEL ON SITE. CONTRACTOR VEHICLES SHALL BE IDENTIFIED AS SUCH. EACH CONSTRUCTION EMPLOYEE SHALL CHECK IN AND OUT UPON ENTERING AND LEAVING THE SITE.
2. THE BUILDING IS A SECURE AREA, AND CONSTRUCTION PERSONNEL SHALL REMAIN IN THE CONSTRUCTION AREAS. CONTRACTOR SHALL MINIMIZE INGRESS AND EGRESS.

D. CONSTRUCTION MATERIAL STORAGE

1. STORAGE OF CONSTRUCTION MATERIALS AND TRAILERS ON THE SITE SHALL BE LIMITED TO THE CONSTRUCTION STAGING AREA. MATERIALS SHALL BE NEATLY STORED AND PROTECTED. A CONSTRUCTION FENCE SHALL BE PROVIDED AT THE DISCRETION OF THE FAA CONTRACTING OFFICERS REPRESENTATIVE. CONTRACTOR SHALL NOT PERFORM ANY DIGGING WITHOUT PERMISSION FROM THE FAA CONTRACTING OFFICERS REPRESENTATIVE. BURIED CABLES AND OTHER EXISTING UNDERGROUND UTILITIES MAY RUN THROUGH THE STAGING AREA AND ELSEWHERE.

E. CONSTRUCTION DEBRIS

1. ENCLOSED DUMPSTERS FOR DISPOSAL OF CONSTRUCTION DEBRIS SHALL BE PROVIDED BY THE CONTRACTOR WITHIN THE STAGING AREA. THE AREAS AROUND THE DUMPSTERS SHALL BE KEPT CLEAN AND FREE OF DEBRIS AND DUST DURING CONSTRUCTION. DEBRIS SHALL BE REMOVED BY THE CONTRACTOR IN A TIMELY MANNER.
2. REMOVE ALL CONSTRUCTION AND/OR DEMOLITION DEBRIS FROM THE JOB SITE TO MAINTAIN A CLEAN AND SAFE ENVIRONMENT AND TO PREVENT THE POSSIBILITY OF A FIRE OR LIFE SAFETY HAZARD.

F. DEMOLITION AND CONSTRUCTION HOURS

1. THE CONTRACTOR SHALL NOT INTERFERE WITH THE AIR TRAFFIC CONTROL FUNCTION OF THE FACILITY. DEMOLITION NOISE, CONSTRUCTION NOISE AND ALL WORK IN AREAS ADJACENT TO THE AIR TRAFFIC CONTROL FUNCTION MUST BE ACCOMPLISHED AFTER NORMAL OPERATING HOURS. COORDINATE NIGHT WORK AND OVERTIME CONSTRUCTION IN ADVANCE WITH THE FAA CONTRACTING OFFICERS REPRESENTATIVE.
2. SEE CONSTRUCTION SEQUENCE NOTES FOR FURTHER INFORMATION.
3. CONCRETE SAWING, GRINDING, CORE DRILLING, CONCRETE DEMOLITION AND ANCHOR DRILLING WILL BE ALLOWED ONLY AT PREARRANGED TIMES APPROVED BY THE FAA CONTRACTING OFFICERS REPRESENTATIVE.

G. EQUIPMENT PROTECTION

1. EXISTING FAA AIR TRAFFIC COMPUTERS AND EQUIPMENT SHALL REMAIN OPERATIONAL THROUGHOUT THE DURATION OF THIS CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTINUOUS PROTECTION OF THIS EQUIPMENT FROM PHYSICAL AND ELECTRICAL DAMAGE AS A RESULT OF INCIDENTAL OR ACCIDENTAL NEGLIGENCE SUCH AS, BUT NOT LIMITED TO, DISRUPTION OF POWER TO THE UNITS. INFORM THE FAA CONTRACTING OFFICERS REPRESENTATIVE IMMEDIATELY IF SUCH DAMAGE OR DISRUPTION OF POWER SHOULD OCCUR. THE LOSS OF THESE COMPUTERS AND EQUIPMENT FOR ANY AMOUNT OF TIME WILL JEOPARDIZE THE SAFETY OF THE FLYING PUBLIC. SEE SPECIAL NOTES ON SHEET M000 FOR ADDITIONAL REQUIREMENTS.
2. SHUTDOWNS, CUTOVERS AND ANY TEMPORARY PROVISIONS FOR PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE ACCOMPLISHED AFTER NORMAL OPERATING HOURS. PREPARATORY WORK SHALL BE COMPLETED PRIOR TO SHUTDOWN. CUTOVER WORK SHALL BE SCHEDULED AND COORDINATED WITH THE FAA CONTRACTING OFFICERS REPRESENTATIVE A MINIMUM OF 10 WORKING DAYS IN ADVANCE OF THE SHUTDOWN OR CUTOVER.
3. WELDING EQUIPMENT SHALL NOT BE POWERED BY THE FACILITY ELECTRICAL SYSTEM. WELDING SHALL NOT BE PERMITTED IN FAA OCCUPIED AREA.

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H. TEMPORARY FACILITIES

1. REFER TO SPECIFICATIONS, SECTION 01 50 00 FOR TEMPORARY FACILITES.
2. PROVIDE TEMPORARY RESTROOM TRAILERS FOR FAA PERSONNEL, WOMEN UNIT TO INCLUDE 2 STALLS AND 2 SINKS, MEN UNIT TO INCLUDE 2 STALLS, 2 URINALS AND 2 SINKS. BOTH UNITS TO BE CONDITIONED.

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES. PAGE OF

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
1	08/05/2020	ISSUE FOR CONSTRUCTION			

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

FORT LAUDERDALE AIRPORT TRAFFIC CONTROL TOWER
MAJOR IMPROVEMENTS
GENERAL
CONSTRUCTION COORDINATION NOTES

FT LAUDERDALE (INTERNATIONAL) FL

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WW JOB NUMBER: 219075.00

REVIEWED BY | SUBMITTED BY | APPROVED BY

SUBMITTER'S TITLE - CIVIL ENGINEER | APPROVER'S TITLE - MANAGER

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