

CONSTRUCTION PLANS - ISSUED JANUARY 11, 2019

CONSTRUCT FENCING AND
TERMINAL AREA GATE

MT. CARMEL MUNICIPAL AIRPORT
ST. FRANCISVILLE, LAWRENCE COUNTY, ILLINOIS

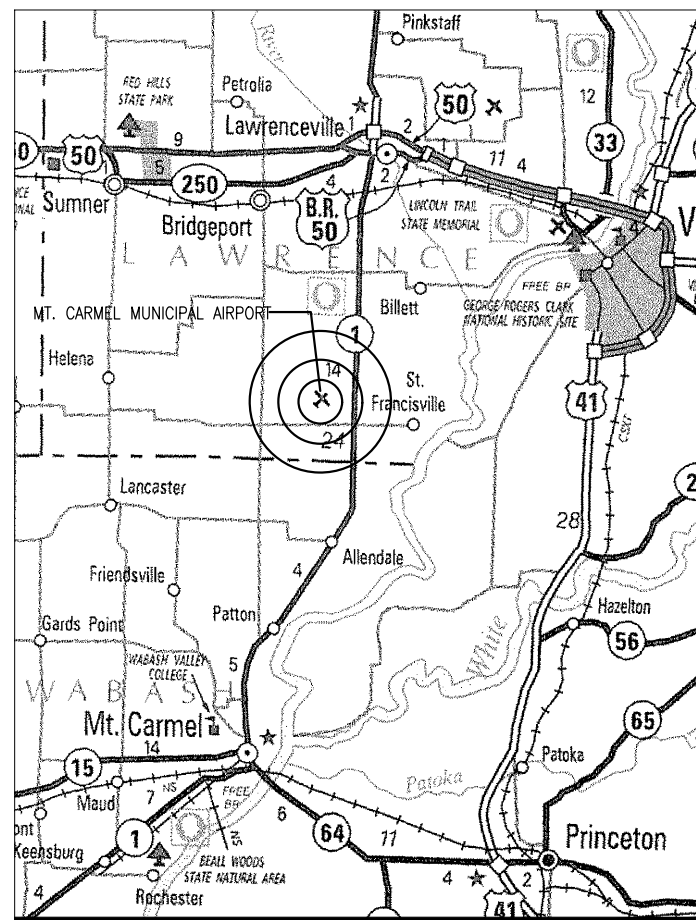
IDA PROJECT NO. AJG-4683
SBG PROJECT NO. 3-17-SBGP-144

SCOPE OF WORK

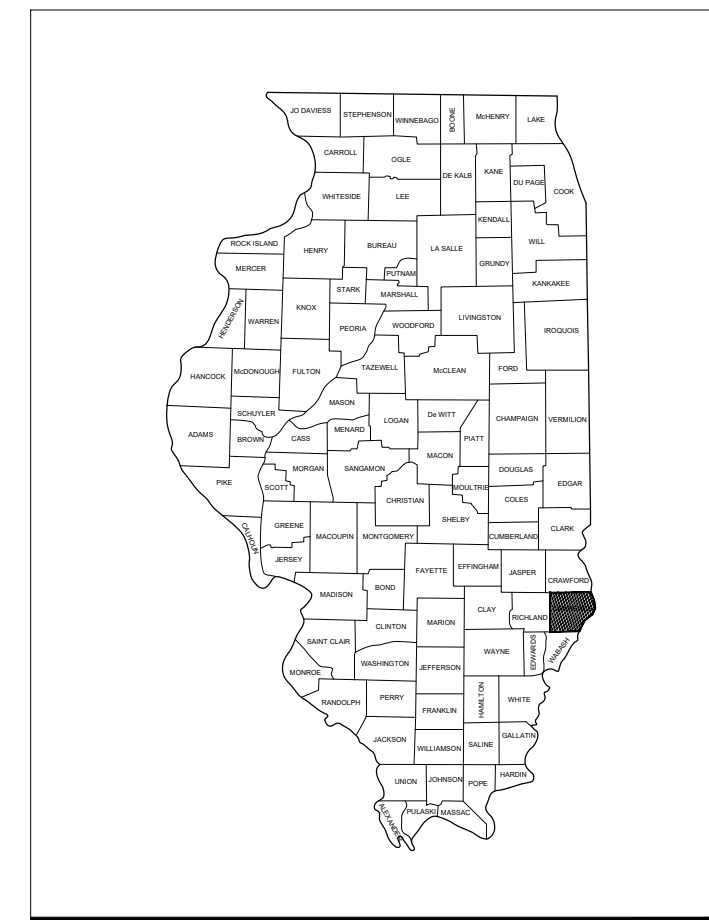
THIS PROJECT CONSISTS OF INSTALLATION OF NEW 4' HIGH CHAIN LINK FENCING, REMOVAL OF FENCING AND AN EXISTING SWING GATE AND THE INSTALLATION OF A NEW SLIDE GATE WITH ASSOCIATED FENCING ITEMS.

NOTICE TO CONTRACTORS AND BIDDERS

THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.



VICINITY MAP



LOCATION MAP

No.	Issue/Description	Sheets Changed	Date	By

FILENAME:LONG

EXP. 11/30/19

Barry S. Stolz
Barry S. Stolz P.E.
Project Engineer

1/11/19
Date

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HANSON PROFESSIONAL SERVICES INC.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Telephone: 217-788-2503

THE CITY OF
Mount Carmel
MT. CARMEL MUNICIPAL AIRPORT

Chad Hill
Chad Hill
Airport Manager

01/04/2019
Date



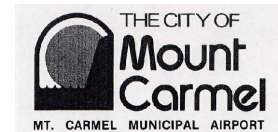
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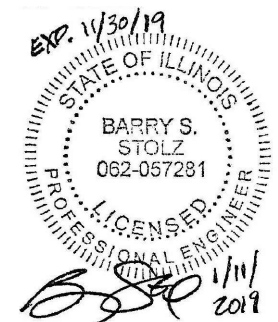
Illinois Licensed
Professional Service Corporation
#184-001084

MT CARMEL MUNICIPAL AIRPORT



SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AR150520	MOBILIZATION	L.S.	1	
AR162220	CLASS E MANUAL SLIDE GATE-20'	EA.	1	
AR162504	CLASS E FENCE 4'	L.F.	1,546	
AR162531	WALKWAY GATES, CLASS E	EA.	1	
AR162900	REMOVE CLASS E FENCE	L.F.	26	
AR162905	REMOVE GATE	EA.	3	

INDEX TO SHEETS	
SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	SCOPE OF WORK
4	PROPOSED SAFETY PLAN
5	PROPOSED CONSTRUCTION PLAN - SHEET 1
6	PROPOSED CONSTRUCTION PLAN - SHEET 2
7	PROPOSED FENCING DETAILS
8	PROPOSED GATE DETAILS



CONSTRUCT FENCING AND TERMINAL AREA GATE

Contract No. MC028
IDA No: AJG-4683

SBG No: 3-17-SBGP-144

GENERAL NOTES:

QUANTITIES

PAYMENT WILL BE MADE UNDER THE ITEM NUMBERS, DESCRIPTIONS AND UNITS NOTED IN THE ABOVE TABLE IN ACCORDANCE WITH THE BASIS OF PAYMENT FOR EACH RESPECTIVE WORK ITEM COMPLETED AND ACCEPTED BY THE ENGINEER.

CERTIFIED PAYROLLS

THE RESIDENT ENGINEER/TECHNICIAN CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

MATERIAL CERTIFICATIONS

MATERIALS TO BE INCORPORATED INTO THE PROJECT CANNOT BE USED WITHOUT PRIOR APPROVAL. ALL MATERIALS TO BE USED IN THE PROJECT MUST BE SUBMITTED TO THE RESIDENT ENGINEER FOR APPROVAL. USE OF MATERIALS WITHOUT PRIOR APPROVAL AND ULTIMATELY DETERMINED TO BE UNACCEPTABLE BY THE ILLINOIS DIVISION OF AERONAUTICS ARE SUBJECT TO REMOVAL AND/OR NON-PAYMENT.

NO.	DATE	DESCRIPTION		
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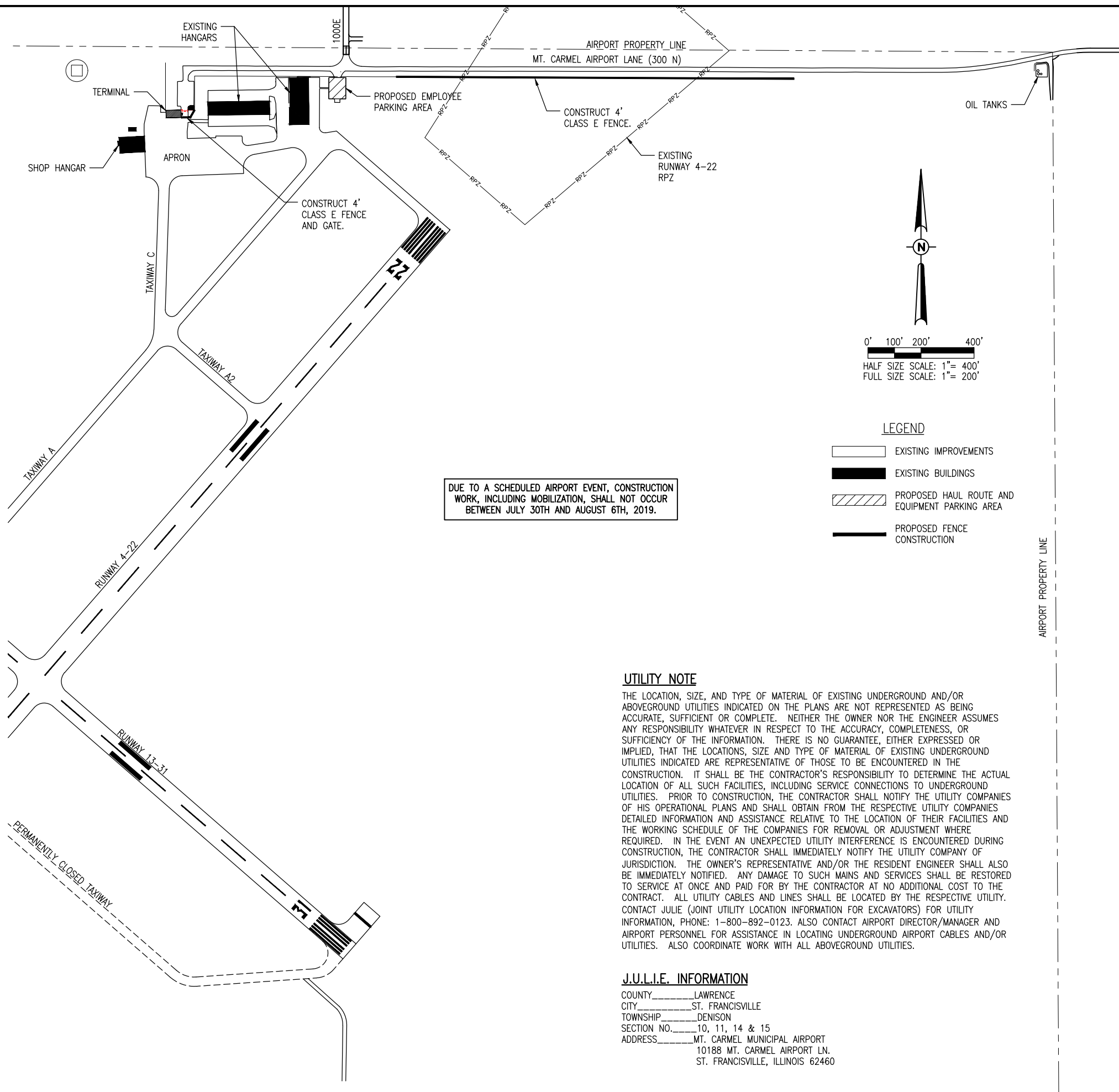
ISSUE: JANUARY 11, 2019
PROJECT NO: 18A0092
CAD FILE: G-002-FLP.DWG
DESIGN BY: BSS 11/16/2018
DRAWN BY: CWS 11/16/2018
REVIEWED BY: BSS 01/04/2019

SHEET TITLE

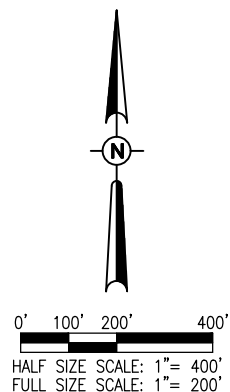
SUMMARY OF QUANTITIES AND INDEX TO SHEETS

GENERAL NOTES

1. THE SCOPE OF WORK SHEET IS INTENDED ONLY AS A GENERAL DESCRIPTION OF WORK ITEMS AND THEIR APPROXIMATE LOCATIONS AND LIMITS, FOR THE PURPOSE OF UNDERSTANDING THE SCOPE OF THE PROJECT. THIS SHEET SHALL NOT BE USED AS A CONSTRUCTION PLAN. REFER TO THE FOLLOWING PLAN SHEETS FOR DETAILED CONSTRUCTION REQUIREMENTS, LOCATIONS, AND ITEMS OF WORK.
2. THIS WORK FOR THIS PROJECT SHALL CONSIST OF NEW 4' HIGH CHAIN LINK FENCING, REMOVAL OF FENCING AND AN EXISTING SWING GATE AND THE INSTALLATION OF A NEW SLIDE GATE WITH ASSOCIATED FENCING ITEMS.
3. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND TRANSPORTATION NECESSARY TO CONSTRUCT ALL ELEMENTS OF THE PROJECT AS DESCRIBED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS.
4. THE RULES, REGULATIONS, AND SPECIFICATIONS ENUMERATED HEREIN SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS. THEY SHALL NOT PROHIBIT THE CONTRACTOR FROM FURNISHING AND INSTALLING HIGHER GRADES OF MATERIAL THAN ARE SPECIFIED HEREIN.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT, PRESERVE AND REPAIR THE EXISTING AIRFIELD AND ROADWAY PAVEMENTS AT ALL TIMES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING ELECTRICAL, DRAINAGE, AND PAVEMENT STRUCTURES AT NO ADDITIONAL COST TO THE CONTRACT.
6. NO EQUIPMENT SHALL BE PERMITTED TO CROSS OR USE ANY EXISTING AIRPORT PAVEMENT OUTSIDE THE CONSTRUCTION LIMITS, GENERAL PROJECT AREA OR HAUL ROUTE.
7. CONTRACTOR IS REQUIRED TO PROVIDE THEIR OWN RESTROOM FACILITIES.
8. UNLESS OTHERWISE NOTED, ALL DISTURBED AREAS OUTSIDE OF THE PROPOSED CONSTRUCTION LIMITS SHALL BE GRADED, SEEDED AND/OR HYDROMULCH SEEDED IN ACCORDANCE WITH ITEM 901 AT NO ADDITIONAL COST TO THE CONTRACT.
9. ALL WASTE MATERIAL SHALL BE HAULED FROM THE AIRPORT AND PROPERLY DISPOSED OF UNLESS OTHERWISE SPECIFIED HEREIN.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS FOR HAULING ON PUBLIC ROADS, AS APPLICABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGES TO ANY PAVEMENTS (PUBLIC OR PRIVATE) CAUSED BY HIS/HER CONSTRUCTION EQUIPMENT OR PERSONNEL.
11. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL FOR ALL SALVAGEABLE MATERIAL REMOVED ON THE PROJECT.
12. THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER/TECHNICIAN SO THEY MAY DEVELOP ONE SET OF REDLINED AS-BUILT RECORD DRAWINGS AT THE COMPLETION OF THE PROJECT.
13. THE CONSTRUCTION LIMITS SHALL BE RESTRICTED TO AREAS THAT ARE ABSOLUTELY NECESSARY TO DISTURB TO COMPLETE THE REQUIRED WORK ITEMS. LIMITS SHALL BE COORDINATED WITH THE RESIDENT ENGINEER/TECHNICIAN PRIOR TO BEGINNING ANY WORK.
14. CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION ALL GRASS, STONE, OR PAVEMENT DISTURBED BY CONTRACTOR'S CONSTRUCTION OPERATIONS, STAGING, AND CONSTRUCTION ACCESS ROUTES. DISTURBED AREAS TO BE REPAIRED, GRADED, AND MULCHED SEEDED IN ACCORDANCE WITH ITEMS 901 AND 908, UNLESS OTHERWISE NOTED. STAGING AREA AND SITE ACCESS RESTORATION SHALL BE INCLUDED IN THE COST OF THE HAUL ROUTE.
15. THE PROJECT PAY ITEMS ARE INTENDED TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THESE PLANS. ALL INCIDENTAL WORK REQUIRED TO COMPLETE THE PROJECT TO THE SATISFACTION OF THE RESIDENT ENGINEER/TECHNICIAN IS TO BE INCLUDED IN THE COSTS OF PERFORMING THESE ITEMS.
16. APPROXIMATE LOCATIONS OF UNDERGROUND UTILITIES ARE SHOWN THROUGHOUT THESE PLANS. THE CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND PROTECT THESE UTILITIES DURING CONSTRUCTION. ANY UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL COORDINATE WITH THE PROPER PERSONS FOR THE PURPOSE OF LOCATING AND PROTECTING EXISTING UNDERGROUND UTILITIES.
17. THE CONTRACTOR MUST AT ALL TIMES MAINTAIN PROPER DRAINAGE FOR ALL AREAS AFFECTED BY HIS WORK.



DUE TO A SCHEDULED AIRPORT EVENT, CONSTRUCTION WORK, INCLUDING MOBILIZATION, SHALL NOT OCCUR BETWEEN JULY 30TH AND AUGUST 6TH, 2019.



LEGEND

- EXISTING IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
- PROPOSED FENCE CONSTRUCTION

UTILITY NOTE

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

J.U.L.I.E. INFORMATION

COUNTY _____ LAWRENCE
 CITY _____ ST. FRANCISVILLE
 TOWNSHIP _____ DENISON
 SECTION NO. _____ 10, 11, 14 & 15
 ADDRESS _____ MT. CARMEL MUNICIPAL AIRPORT
 10188 MT. CARMEL AIRPORT LN.
 ST. FRANCISVILLE, ILLINOIS 62460

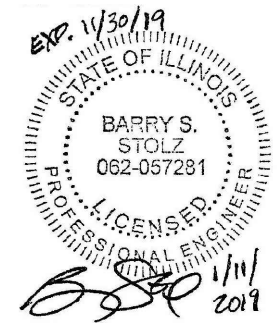
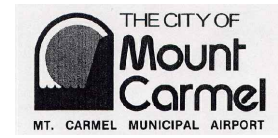


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 #184-001084

MT CARMEL MUNICIPAL AIRPORT



CONSTRUCT FENCING AND TERMINAL AREA GATE

Contract No. MC028
 IDA No: AJG-4683

SBG No: 3-17-SBGP-144

NO.	DATE	DESCRIPTION	
		DES	REV

ISSUE: JANUARY 11, 2019
 PROJECT NO: 18A0092
 CAD FILE: G-003-SOW.DWG
 DESIGN BY: CWS 12/13/2018
 DRAWN BY: CWS 12/13/2018
 REVIEWED BY: BSS 01/04/2019

SHEET TITLE

SCOPE OF WORK

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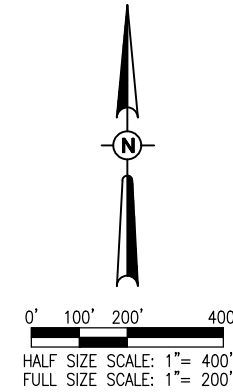
SAFETY NOTES

- FOLLOWING ARE THE CONSTRUCTION SAFETY PROCEDURES THAT THE CONTRACTOR SHALL FOLLOW THROUGHOUT THIS PROJECT. ADDITIONAL REQUIREMENTS ARE SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEET AND THIS SHEET.
- ALL PROVISIONS OF FAA ADVISORY CIRCULAR AC 150/5370-2 (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN, OR AS MODIFIED BY THE OWNER THROUGH THE RESIDENT ENGINEER/TECHNICIAN AT THE PRECONSTRUCTION CONFERENCE, OR DURING THE COURSE OF THE CONTRACT.
- THE CONTRACTORS SHALL MINIMIZE DISRUPTION OF STANDARD OPERATING PROCEDURES FOR AERONAUTICAL ACTIVITY BY REMAINING WITHIN THE PRESCRIBED STAGING, CONSTRUCTION, AND PHASING AREAS PRESENTED ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEETS.
- NO UNAUTHORIZED PERSONNEL SHALL ENTER ANY AREA OF THE AIRPORT THAT COULD POTENTIALLY BE HAZARDOUS. THE AIRPORT MANAGER RESERVES THE RIGHT TO SUSPEND OPERATIONS IN ORDER TO MAINTAIN SAFETY AT THE AIRPORT.
- CONTRACTOR EQUIPMENT, VEHICLES, AND PROJECT MATERIALS SHALL BE STORED AT THE STAGING AREA SHOWN ON THE PLAN VIEW, EXCEPT AS OTHERWISE PROVIDED FOR AT THE PRECONSTRUCTION CONFERENCE.
- ALL CONSTRUCTION EQUIPMENT OPERATING IN THE PRESCRIBED CONSTRUCTION AREA IS REQUIRED TO DISPLAY A CHECKERBOARD FLAG PROPERLY LOCATED OR A ROTATING BEACON (STROBE) AS SPECIFIED IN AC 150/5210-5, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" LATEST EDITION.
- NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 250' OF ANY ACTIVE RUNWAY, WITHIN 93' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA, OR PENETRATE A PART 77 IMAGINARY SURFACE (PROVIDED BY THE RESIDENT ENGINEER/TECHNICIAN) EXTENDING OUT AND UPWARDS FROM ALL SIDES OF AN ACTIVE RUNWAY.
- CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION, LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370-2, LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
- NO OPEN TRENCHES WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR WITHIN 93' OF ANY AIRPORT OPERATIONS AREA WILL BE PERMITTED UNLESS PROPERLY MARKED. OTHER TRENCHES SHALL BE MAINTAINED SAFE, I.E., BARRICADED OR COVERED WITH STEEL PLATES IN ALL OTHER AREAS.
- OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHOULD BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING RED LIGHTS DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS.
- NO CONSTRUCTION EQUIPMENT GREATER THAN 15' TALL WILL BE PERMITTED ON THE AIRPORT. HOWEVER OTHER EQUIPMENT TALLER THAN 15' MAY BE PERMITTED WITH THE APPROVAL OF THE AIRPORT MANAGER AND AIRSPACE APPROVAL BY THE FAA.
- NO OPEN FLAME WELDING OR TORCH CUTTING OPERATION IS PERMITTED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY THE AIRPORT MANAGER NO FLARE POTS ARE ALLOWED ON THE PROJECT.
- SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRACKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEEPED, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING AIRPORT LIGHTING AND NAVIGATIONAL ELECTRICAL SYSTEMS DURING CONSTRUCTION. A CONTACT PERSON AND TELEPHONE NUMBER FOR 24 HOUR EMERGENCY IMMEDIATE REPAIR SHALL BE SUBMITTED TO THE AIRPORT MANAGER AND RESIDENT ENGINEER/TECHNICIAN. HAUL ROUTES CROSSING PAVEMENT, DRAINAGE, MISCELLANEOUS. STRUCTURES AND/OR AIRFIELD CABLES SHALL BE PROTECTED FROM DAMAGE.
- ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
- CONTRACTOR SHALL PLACE, SECURE, AND MAINTAIN LIGHTED BARRICADES AND CLOSURE CROSSES WHEN A RUNWAY/TAXIWAY/APRON IS CLOSED OR AS REQUIRED BY THE PLANS AND DESIGNATED BY THE RESIDENT ENGINEER/TECHNICIAN.
- CONTRACTOR SHALL MARK HAZARDOUS AREA WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED.
- THE CONTRACTOR SHALL PERIODICALLY PERFORM ONSITE INSPECTIONS THROUGHOUT THE DURATION OF THE PROJECT WITH THE IMMEDIATE REMEDY OF ANY DIFFERENCES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE.
- CONTRACTOR SHALL MOVE MAINTENANCE OF TRAFFIC COMPONENTS AT THE WRITTEN DIRECTION OF THE RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST.
- CONTRACTOR SHALL NOT REMOVE THE BARRICADES WITHOUT THE APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN.
- CONTRACTOR SHALL MAINTAIN FLASHERS, SIGNS AND/OR BARRICADES AS REQUIRED BY THE PLANS, CITY OR COUNTY REGULATIONS OR CONTRACTOR ACTIVITIES. CONTRACTOR SHALL OBTAIN ANY AND ALL REQUIRED LOCAL PERMITS UNLESS SPECIFIED OTHERWISE.
- THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER/TECHNICIAN AS NECESSARY TO CONTROL DUST.
- NO CONSTRUCTION VEHICLES SHALL BE DRIVEN ACROSS ANY ACTIVE RUNWAY, INCLUDING TURF RUNWAYS. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL NOT BE PERMITTED WITHIN 250' OF ANY ACTIVE RUNWAY CENTERLINE OR WITHIN 93' OF ANY OTHER ACTIVE AIRPORT TAXIWAY OR APRON. HOWEVER, CONSTRUCTION MAY BE PERMITTED IN THESE AREAS IF THE CONTRACTOR HAS GAINED APPROVAL FROM THE AIRPORT MANAGER AT LEAST 7 DAYS IN ADVANCE OF THE SCHEDULED CONSTRUCTION PERIOD AND THE OPERATIONAL AREA IS CLOSED TO TRAFFIC AND PROPER NOTAMS ARE ISSUED BY THE AIRPORT MANAGER TO THE APPROPRIATE FLIGHT SERVICE STATION.
- UNLESS SPECIFIED OTHERWISE, COST FOR THE ABOVE IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.

PROPOSED SAFETY PLAN NOTES

- THE MT. CARMEL MUNICIPAL AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION SHOULD NOT NECESSITATE CLOSING EITHER RUNWAY. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER FENCE. HOWEVER, THE CONTRACTOR SHALL COORDINATE WORK SCHEDULES WITH THE AIRPORT MANAGER SO THAT THE MANAGER MAY ISSUE NOTAMS TO PILOTS REGARDING CONSTRUCTION ACTIVITY IN THE RUNWAY APPROACH.
- WHEN THE CONTRACTOR'S VEHICLES AND EQUIPMENT ARE ON THE AIRPORT PROPERTY THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR SHALL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.
- BARRICADES AND SIGNAGE, AS DEEMED NECESSARY FOR SAFETY, SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- NO CONSTRUCTION EQUIPMENT GREATER THAN 15' TALL WILL BE PERMITTED ON THE AIRPORT. HOWEVER OTHER EQUIPMENT TALLER THAN 15' MAY BE PERMITTED WITH THE APPROVAL OF THE AIRPORT MANAGER AND AIRSPACE APPROVAL BY THE FAA.

MT. CARMEL UNICOM FREQUENCY = 122.70

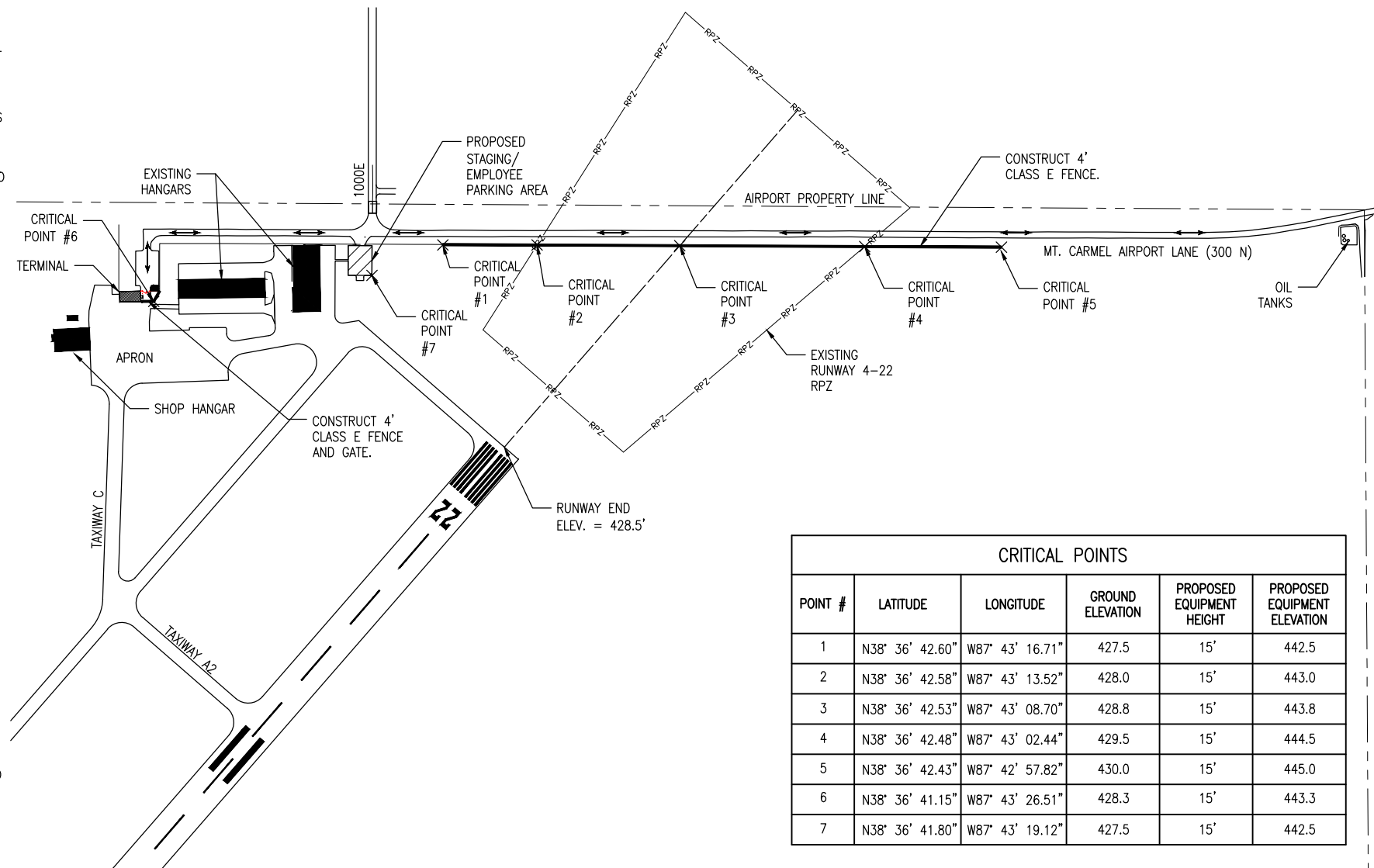


SAFETY PLAN COMPLIANCE DOCUMENT

PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G, PARAGRAPH 2.4.2, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT DIRECTOR SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE DIVISION OF AERONAUTICS FOR APPROVAL PRIOR TO THE NTP ISSUANCE.

LEGEND

- EXISTING IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED STAGING AND EQUIPMENT PARKING AREA
- PROPOSED FENCE CONSTRUCTION
- PROPOSED HAUL ROUTE



CRITICAL POINTS					
POINT #	LATITUDE	LONGITUDE	GROUND ELEVATION	PROPOSED EQUIPMENT HEIGHT	PROPOSED EQUIPMENT ELEVATION
1	N38° 36' 42.60"	W87° 43' 16.71"	427.5	15'	442.5
2	N38° 36' 42.58"	W87° 43' 13.52"	428.0	15'	443.0
3	N38° 36' 42.53"	W87° 43' 08.70"	428.8	15'	443.8
4	N38° 36' 42.48"	W87° 43' 02.44"	429.5	15'	444.5
5	N38° 36' 42.43"	W87° 42' 57.82"	430.0	15'	445.0
6	N38° 36' 41.15"	W87° 43' 26.51"	428.3	15'	443.3
7	N38° 36' 41.80"	W87° 43' 19.12"	427.5	15'	442.5



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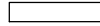
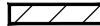
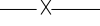
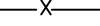
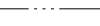
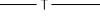
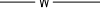


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CAD FILE: G-004-SFY.DWG
DESIGN BY: CWS 12/13/2018
DRAWN BY: CWS 12/13/2018
REVIEWED BY: BSS 01/04/2019

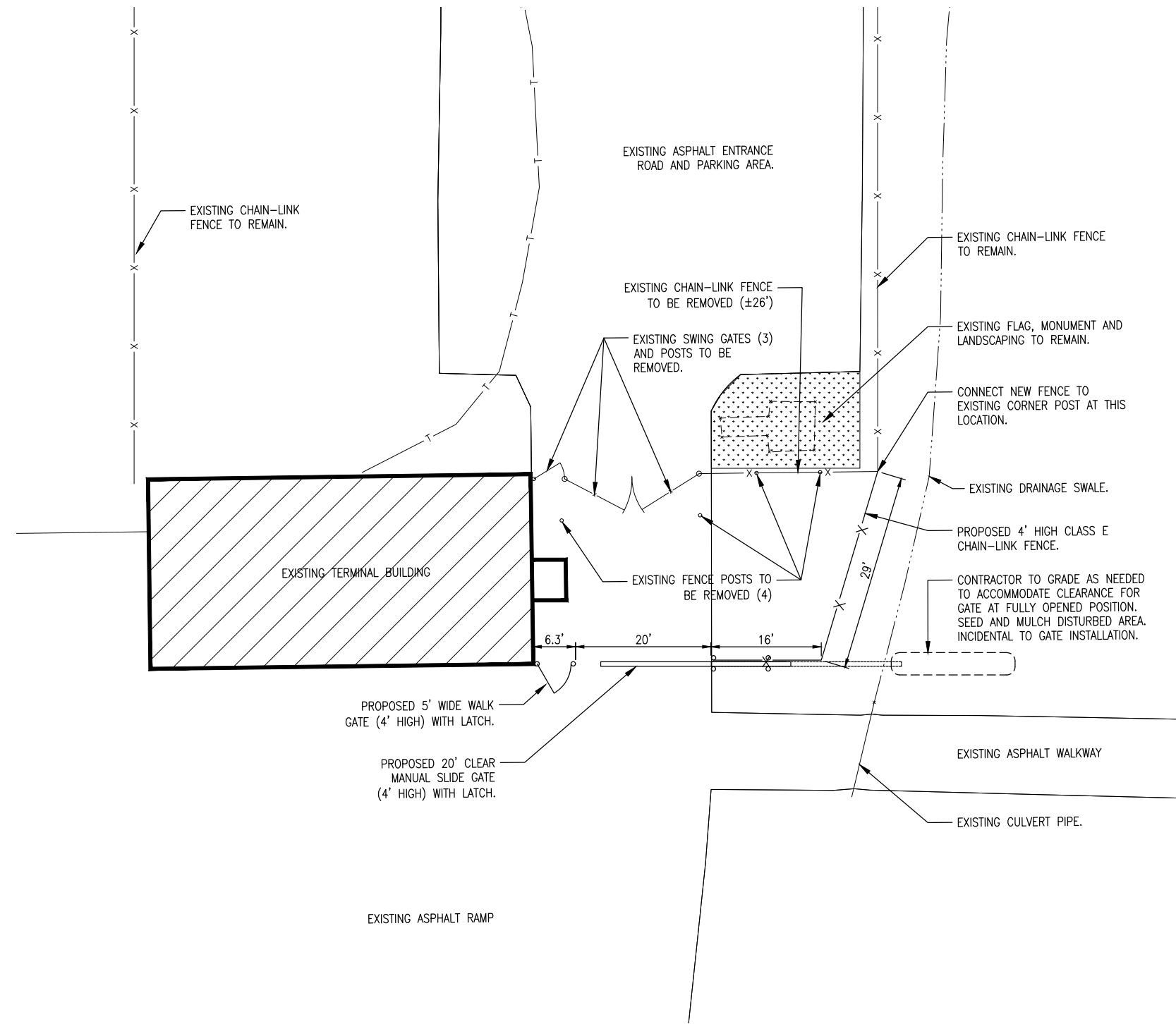
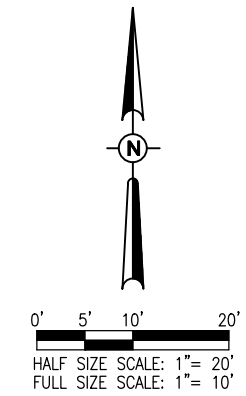
SHEET TITLE

PROPOSED SAFETY PLAN

CONSTRUCTION NOTES

- EXISTING FENCE/GATE POSTS NOTED FOR REMOVAL SHALL BE REMOVED IN ACCORDANCE WITH ITEM 162 AND SPECIAL PROVISIONS SECTION 162-3.11.
- ANY DAMAGE TO THE ASPHALT PAVEMENT DURING DEMOLITION/CONSTRUCTION OF THE FENCE/GATES SHALL BE REPAIRED TO THE SATISFACTION OF THE AIRPORT MANAGER AND RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST TO THE PROJECT.
- CONTRACTOR SHALL USE CAUTION WHEN INSTALLING PROPOSED FENCE POSTS SO AS NOT TO DAMAGE OR INTERFERE WITH EXISTING UTILITIES AND STORM SEWER.

- LEGEND**
-  EXISTING PAVEMENTS
 -  EXISTING BUILDINGS
 -  EXISTING FENCE
 -  PROPOSED FENCE
 -  EXISTING SWALE
 -  EXISTING UNDERGROUND TELEPHONE SERVICE
 -  EXISTING WATER SERVICE
 -  EXISTING STORM SEWER
 -  EXISTING RUNWAY PROTECTION ZONE



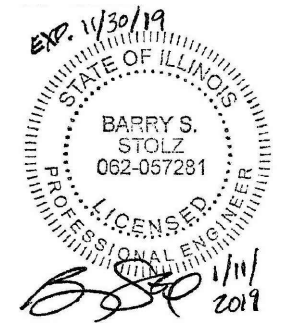
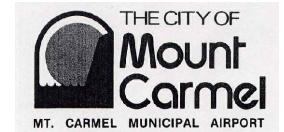
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MT CARMEL MUNICIPAL AIRPORT



CONSTRUCT FENCING AND TERMINAL AREA GATE

Contract No. MC028
IDA No: AJG-4683

SBG No: 3-17-SBGP-144

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JANUARY 11, 2019
PROJECT NO: 18A0092
CAD FILE: C-121-CON.DWG
DESIGN BY: CWS 11/15/2018
DRAWN BY: CWS 11/15/2018
REVIEWED BY: BSS 01/04/2019

SHEET TITLE

PROPOSED CONSTRUCTION PLAN - SHEET 1

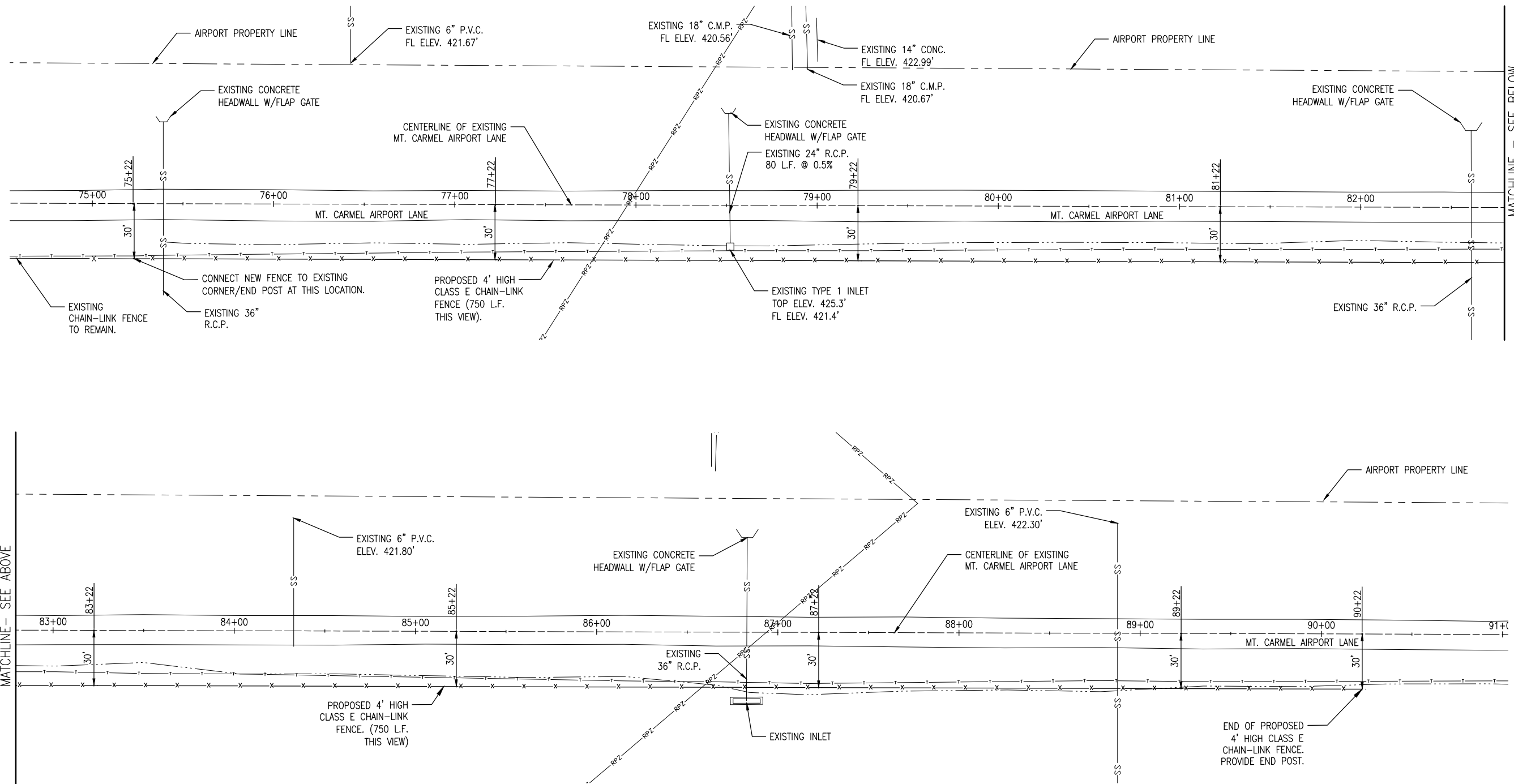
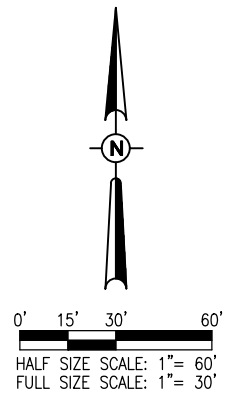
JAN 16, 2019 3:17 PM STOLZ01547
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CONSTRUCTION NOTES

- EXISTING FENCE/GATE POSTS NOTED FOR REMOVAL SHALL BE REMOVED IN ACCORDANCE WITH ITEM 162 AND SPECIAL PROVISIONS SECTION 162-3.11.
- ANY DAMAGE TO THE ASPHALT PAVEMENT DURING DEMOLITION/CONSTRUCTION OF THE FENCE/GATES SHALL BE REPAIRED TO THE SATISFACTION OF THE AIRPORT MANAGER AND RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST TO THE PROJECT.
- CONTRACTOR SHALL USE CAUTION WHEN INSTALLING PROPOSED FENCE POSTS SO AS NOT TO DAMAGE OR INTERFERE WITH EXISTING UTILITIES AND STORM SEWER.

LEGEND

- EXISTING PAVEMENTS
- EXISTING BUILDINGS
- EXISTING FENCE
- PROPOSED FENCE
- EXISTING SWALE
- EXISTING UNDERGROUND TELEPHONE SERVICE
- EXISTING WATER SERVICE
- EXISTING STORM SEWER
- EXISTING RUNWAY PROTECTION ZONE



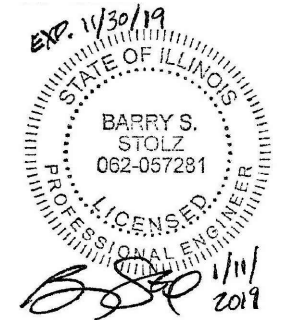
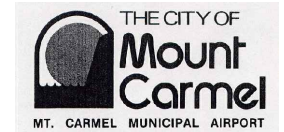
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MT CARMEL MUNICIPAL AIRPORT



CONSTRUCT FENCING AND TERMINAL AREA GATE

Contract No. MC028
IDA No: AJG-4683

SBG No: 3-17-SBGP-144

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JANUARY 11, 2019

PROJECT NO: 18A0092

CAD FILE: C-121-CON.DWG

DESIGN BY: CWS 11/15/2018

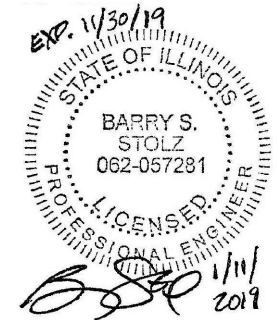
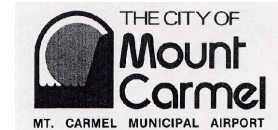
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SHEET TITLE

PROPOSED CONSTRUCTION PLAN - SHEET 2

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CONSTRUCT FENCING AND TERMINAL AREA GATE

Contract No. MC028
 IDA No: AJG-4683

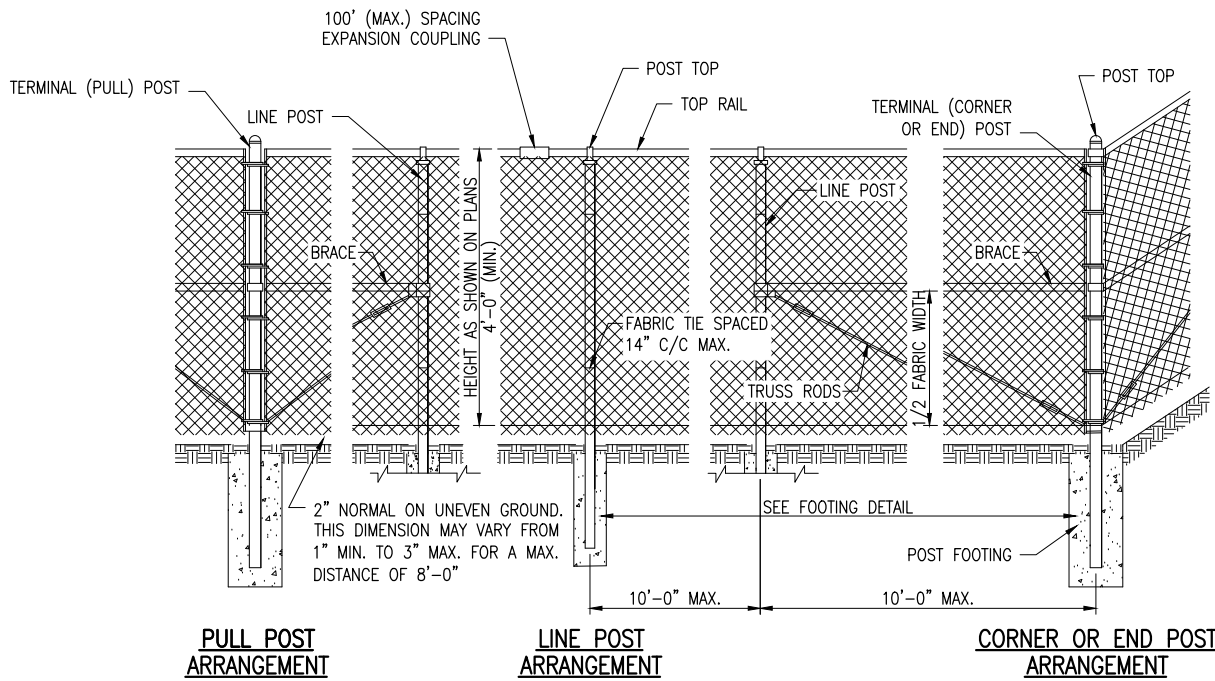
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NO.	DATE	DESCRIPTION		
		DES	DWN	REV

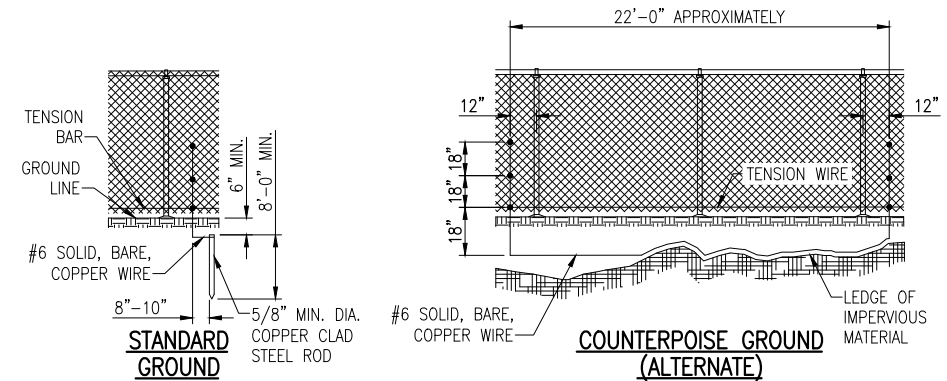
ISSUE: JANUARY 11, 2019
 PROJECT NO: 18A0092
 CAD FILE: C-501-FEN.DWG
 DESIGN BY: CWS 11/16/2018
 DRAWN BY: CWS 11/16/2018
 REVIEWED BY: BSS 01/04/2019

SHEET TITLE

PROPOSED FENCING DETAILS



NOTE: FOR 4-FOOT FENCE, THE HORIZONTAL BRACES AND TRUSS RODS ADJACENT TO TERMINAL POSTS AND GATE POSTS SHALL BE OMITTED.



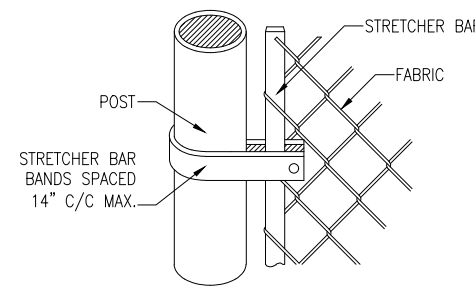
PROTECTIVE ELECTRICAL GROUND
 NOT TO SCALE

GENERAL NOTE:
 CONTINUOUS FENCE SHALL BE GROUNDED AT INTERVALS NOT EXCEEDING 1000', EXCEPT THERE SHALL BE A GROUND NOT EXCEEDING 100 FT. FROM A GATE IN EACH SECTION OF THE FENCE ADJACENT TO THE GATE. FENCE UNDER A POWER LINE SHALL BE GROUNDED BY THREE GROUNDS, ONE DIRECTLY UNDER THE CROSSING AND ONE ON EACH SIDE, 25 TO 50 FT. AWAY. A SINGLE GROUND SHALL BE LOCATED DIRECTLY UNDER EACH TELEPHONE WIRE OR CABLE CROSSING. THE COUNTERPOISE SHALL BE USED ONLY WHERE IT IS IMPOSSIBLE TO DRIVE A GROUND ROD BECAUSE OF AN IMPERVIOUS EARTH STRUCTURES. THE GROUND WIRE SHALL BE CONNECTED TO THE FABRIC AND THE GROUND ROD BY A MECHANICAL CLAMP OF CAST BRONZE BODY AND BRONZE OR STAINLESS STEEL BOLTS AND WASHERS. WHEN A TENSION WIRE IS REQUIRED, THE BOTTOM CONNECTION OF THE GROUND WIRE SHALL BE MADE TO THE TENSION WIRE.
 PROPOSED GROUNING SHALL BE INCIDENTAL TO FENCE INSTALLATION.

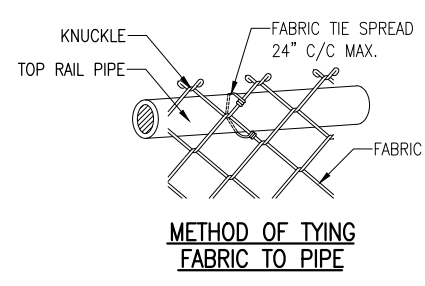
PULL POST ARRANGEMENT

LINE POST ARRANGEMENT

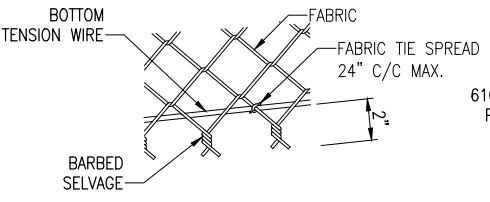
CORNER OR END POST ARRANGEMENT



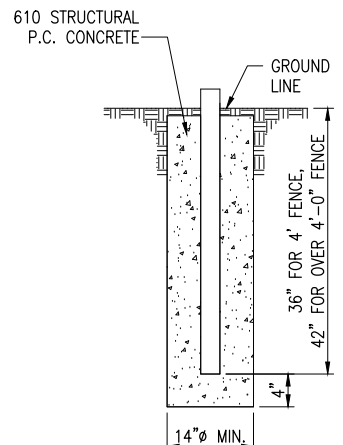
METHOD OF FASTENING STRETCHER BAR TO POST



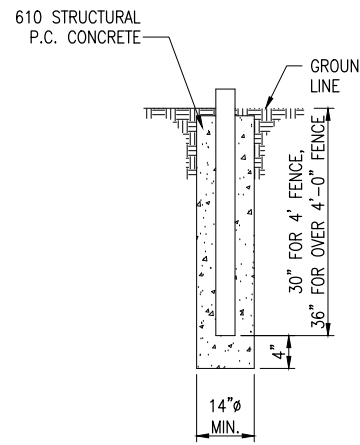
METHOD OF TYING FABRIC TO PIPE



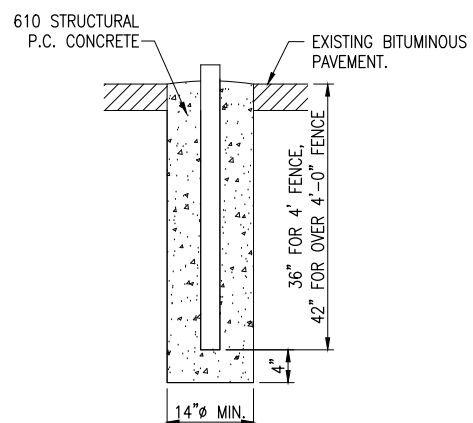
METHOD OF TYING FABRIC TO TENSION WIRE
 NOT TO SCALE



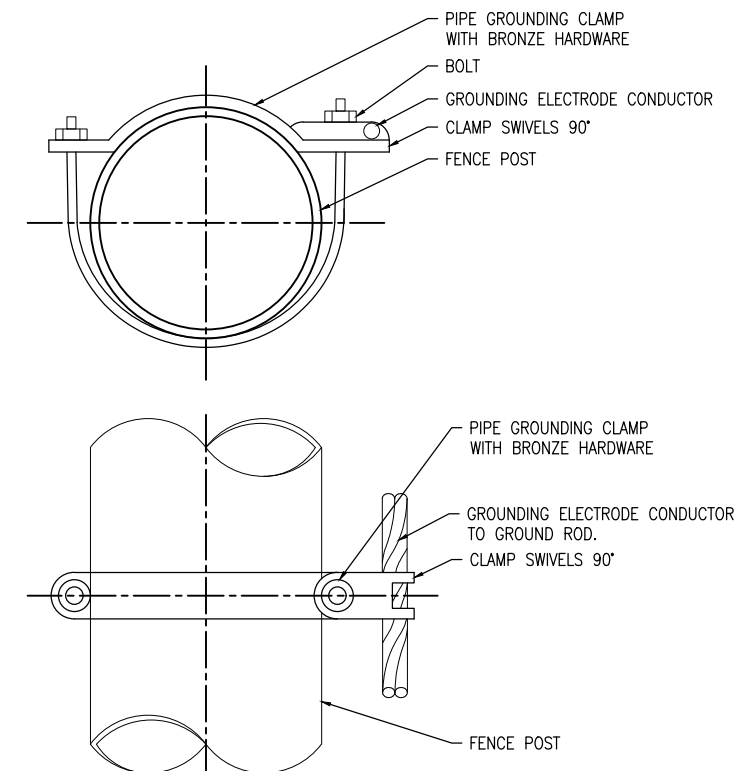
FOOTING FOR TERMINAL/GATE POST
 NOT TO SCALE



FOOTING FOR LINE POST
 NOT TO SCALE



FOOTING FOR TERMINAL/GATE POST
 NOT TO SCALE

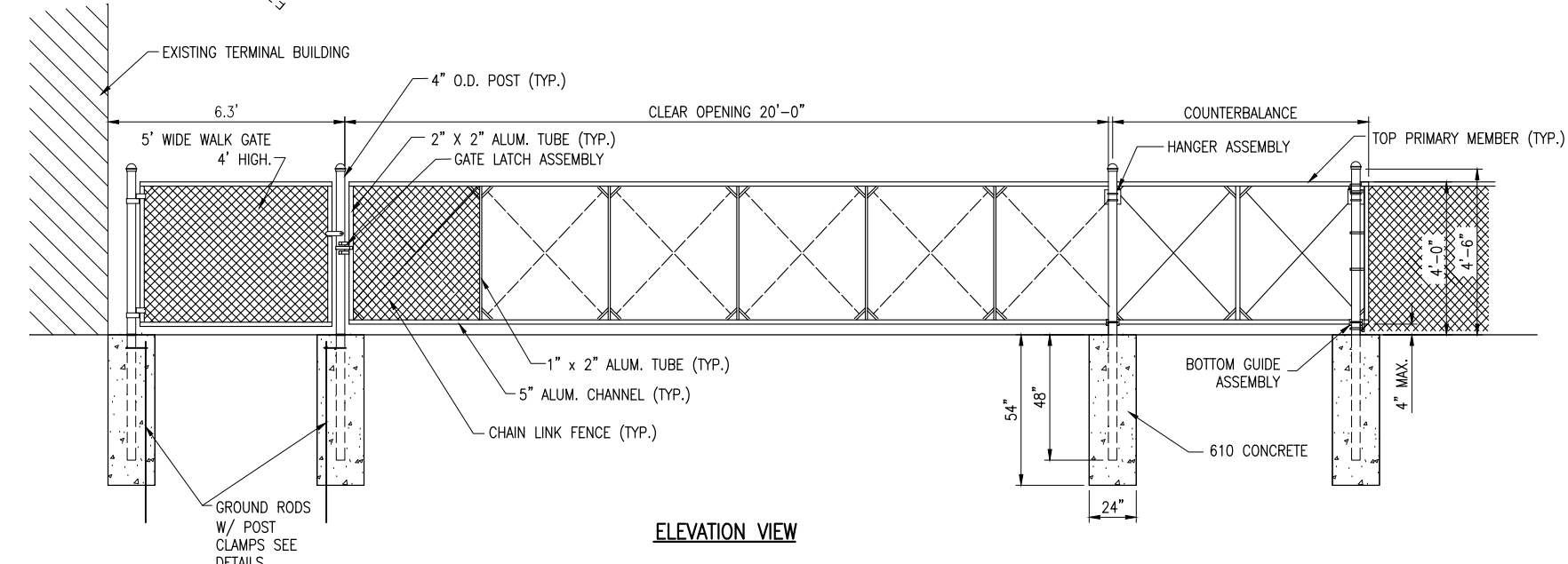
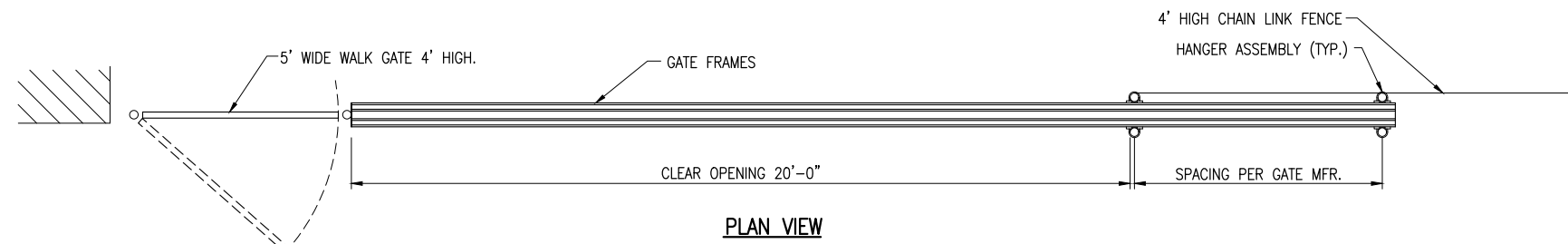


PIPE GROUNING CLAMP TABLE (OR APPROVED EQUAL)

BURNDY CAT. NO.	THOMAS & BETTS CAT. NO.	PIPE SIZE
GAR3902-BU	3902BU	1/2" - 1"
GAR3903-BU	3903BU	1 1/4" - 2"
GAR3904-BU	3904BU	2 1/2" - 3 1/2"
GAR3905-BU	3905BU	4" - 5"
GAR3906-BU	3906BU	6"

FENCE POST GROUNING CLAMP DETAIL
 NOT TO SCALE

- NOTES**
- PIPE GROUNING CLAMPS SHALL HAVE BRONZE HARDWARE, BE CORROSION RESISTANT, SUITABLE FOR DIRECT BURIAL IN EARTH OR CONCRETE, & UL467 LISTED.
 - CONNECT FENCE POST TO GROUND ROD WHERE ACCESS TO FENCE FABRIC IS NOT AVAILABLE TO ACCOMMODATE PROTECTIVE ELECTRICAL GROUND AT A GATE.



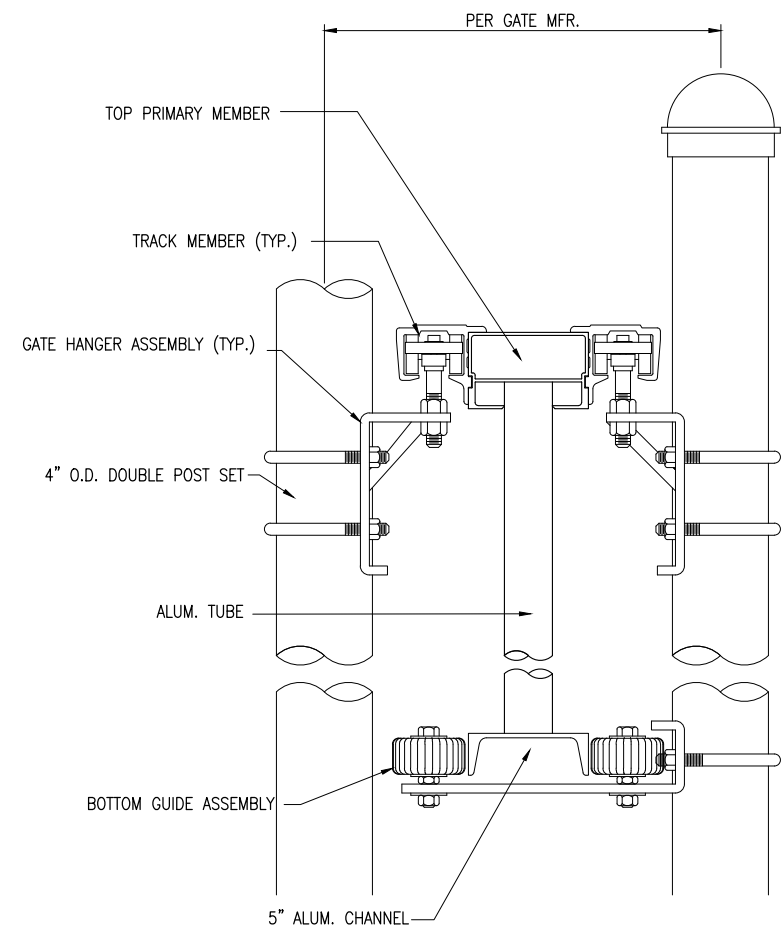
ELEVATION VIEW

**MANUAL SLIDE GATE
4' HIGH CHAIN-LINK**

NOT TO SCALE

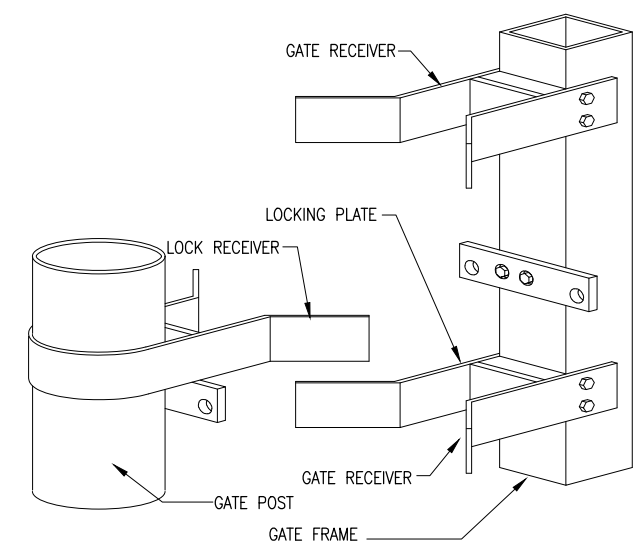
NOTES:

- FOR GATES THAT REQUIRE FABRICATION IN ONE PIECE, A 2" x 5" ALUMINUM TUBE WILL BE SUBSTITUTED FOR THE ALUMINUM CHANNEL BOTTOM MEMBER.
- ANY WORK NECESSARY TO COMPLETE A CONTINUOUS CONNECTION OF THE NEW GATE TO THE EXISTING FENCELINE SHALL BE INCLUDED IN THE COST OF THE NEW GATE. REFER TO SPECIAL PROVISION 162 FOR ADDITIONAL INFORMATION.
- THE OWNER INTENDS TO INSTALL AN ELECTRIC GATE OPERATOR AT A LATER DATE TO WORK WITH THE PROPOSED MANUAL SLIDE GATE. MANUAL SLIDE GATE PROVIDED WITH THIS PROJECT SHALL BE COMPATIBLE WITH FUTURE ELECTRIC GATE OPERATOR INSTALLATION.



ASSEMBLY SECTION

NOT TO SCALE



CATCH ASSEMBLY

NOT TO SCALE

**CONSTRUCT FENCING
AND TERMINAL AREA
GATE**

Contract No. MC028
IDA No: AJG-4683

SBG No: 3-17-SBGP-144

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JANUARY 11, 2019

PROJECT NO: 18A0092

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DESIGN BY: CWS 11/15/2018

DRAWN BY: CWS 11/15/2018

REVIEWED BY: BSS 01/04/2019

SHEET TITLE

**PROPOSED GATE
DETAILS**