05A 04-26-2019 LETTING

RA017 TOTAL SHEETS: 20

VILLAGE OF RANTOUL RANTOUL NATIONAL AVIATION CENTER

PHASE 3: CONSTRUCT WILDLIFE DETERRENT FENCE

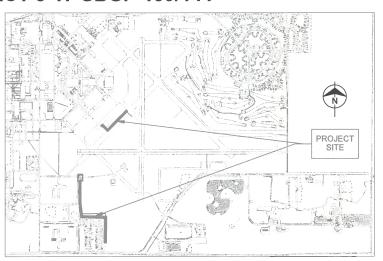
MARCH 1, 2019

BURNS & MCDONNELL PROJECT: 108681

IL PROJECT NO. TIP-4687 SBG PROJECT 3-17-SBGP-139/144

PROJECT

LOCATION MAP



SITE MAP

RANTOUL AIRPORT

TOWNSHIP: 21 NORTH RANGE: 9 EAST CHAMPAIGN COUNTY RANTOUL TOWNSHIP

APPROVED BY

DATE

MORCH

333 SOUTH TANNER RANTOUL, IL 61866

Know what's **below.**Call before you dig.

J.U.L.I.E.
JOINT UTILITY LOCATING
INFORMATION FOR EXCAVATORS
www.illinois1call.com

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ACTUAL LOCATIONS OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES, PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF HIS OPERATIONAL PLANS, OBTAIN FROM 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 AND THE ONE-CALL NOTICE SYSTEM. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH UTILITY OR SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR YTHE CONTRACTOR AND PAID FOR

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 811.



BURNS MSDONNELL 200 W ADAMS ST, STE 2601 CHICAGO, IL 60606 PHONE (312) 223-0920 FAX (312) 223-9664



7/C/Jacks MICR annual/INT DE100881 Pages ann

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2	G-001	INDEX OF DRAWINGS, SUMMARY OF QUANTITIES, AND ABBREVIATIONS		
3	G-002	CONSTRUCTION ACCESS AND SAFETY NOTE:		
4	G-101	CONSTRUCTION ACCESS, SAFETY AND PHASING PLAN		
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20	CS-121	GATE DETAILS		

ITEM NO.	PAY ITEM NO.	DESCRIPTION	UOM	BASE BID	ADDITIVE ALTERNATE NO.1
				QUANTITY	QUANTITY
1	AR150520	MOBILIZATION	LS	1	0
2	AR151450	CLEARING AND GRUBBING	AC	0.50	0
3	AR156510	SILT FENCE	LF	1,728	0
4	AR156520	INLET PROTECTION	EA	2	0
5	AR162228	CLASS E MANUAL SLIDE GATE - 28'	EA	4	0
6	AR162508	CLASS E FENCE 8'	LF	796	0
7	AR162605	CLASS E GATE - 5'	EA	6	0
8	AR162900	REMOVE CLASS E FENCE	LF	310	0
9	AR162905	REMOVE GATE	EA	2	0
10	AR162808	CLASS E FENCE 8' W/2' BURIED	LF	3,140	0
11	AR901510	SEEDING	AC	0.50	0
12	AR908510	MULCHING	AC	0.50	0
13	AS162400	VINYL FENCE UPGRADE*	LS	0	1

* ADDITIVE ALTERNATE NO.1, PAY ITEM NUMBER AS162400, IS VINYL COATING FOR CLASS E FENCE 8', CLASS E FENCE 8' W/ 2' BURIED, CLASS E GATE - 5', CLASS E MANUAL SLIDE GATE - 28', PAY ITEM NUMBERS; AR162508, AR162808, AR162605, AND AR162228 RESPECTIVELY, FOR STATIONS 1200+00.00 TO 1211+16.43 IN THE TERMINAL AREA AS SHOWN ON SHEET CS-100.

ABBREVIATIONS:				
AC	ADVISORY CIRCULAR			
AOA	AIR OPERATIONS AREA			
AWOS	AUTOMATED WEATHER OBSERVATION SYSTEM			
BM	BENCHMARK			
BP	BEGINNING OF PROFILE			
BVCE	BEGIN VERTICAL CURVE ELEVATION			
BVCS	BEGIN VERTICAL CURVE STATION			
CL	CENTERLINE			
COMM	COMMUNICATIONS			
EA	EACH			
EG	EXISTING GROUND			
ELEV	ELEVATION			
EP	END OF PROFILE			
EVCE	END VERTICAL CURVE ELEVATION			
EVCS	END VERTICAL CURVE STATION			
EX	EXISTING			
FAA	FEDERAL AVIATION ADMINISTRATION			
FG	FINISHED GRADE			
FOD	FOREIGN OBJECT DEBRIS			
FT	FEET			
GRS	GALVANIZED RIGID STEEL			
GRSC	GALVANIZED RIGID STEEL CONDUIT			
HMA	HOT MIX ASPHALT			
IDOT DOA	ILLINOIS DEPARTMENT OF TRANSPORTATION			
IDOT-DOA	ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF AERONAUTICS			
INV LF	INVERT			
LS	LINEAR FOOT			
LT	LUMP SUM			
MAX				
MIN	MAXIMUM MINIMUM			
N	NORTH			
NE	NORTH NORTHEAST			
NO.	NUMBER			
NW	NORTHWEST			
NTS	NOT TO SCALE			
OC	ON-CENTER			
OFA	OBJECT FREE AREA			
OFZ	OBSTACLE FREE ZONE			
PC	POINT OF CURVATURE			
PCC	PORTLAND CEMENT CONCRETE			

POROUS GRANULAR EMBANKMENT

RUNWAY END IDENTIFIER LIGHTS

PROPOSED

RADIUS

RIGHT

RUNWAY SOUTH

SCHEDULE

SOUTHWEST

SQUARE YARD

UNDERGROUND

VERTICAL CURVE

STATION

TOPSOIL

TAXIWAY

TYPICAL

VERTICAL

WEST

RW

SCH

STA

SW

SY

TBM

TSA

TW

TYP

UG

UON

VC

VERT

TS

POINT OF TANGENCY

RUNWAY SAFETY AREA

REMOVE ADVERSE CROWN

TEMPORARY BENCHMARK

UNLESS OTHERWISE NOTED

TAXILANE/TAXIWAY SAFETY AREA

*BURNS MSDONNELL

200 W ADAMS ST. CHICAGO, IL 60606 812-223-0920 LICENSEE NO. 184-001310 detailed

NOVEMBER 1, 2018 designed A. GALLAGHER

no. date by ckd

0 |03/01/19 ARG | SJM |100% SUBMITTAL

description

A. GALLAGHER checked S. MCLAUGHLIN

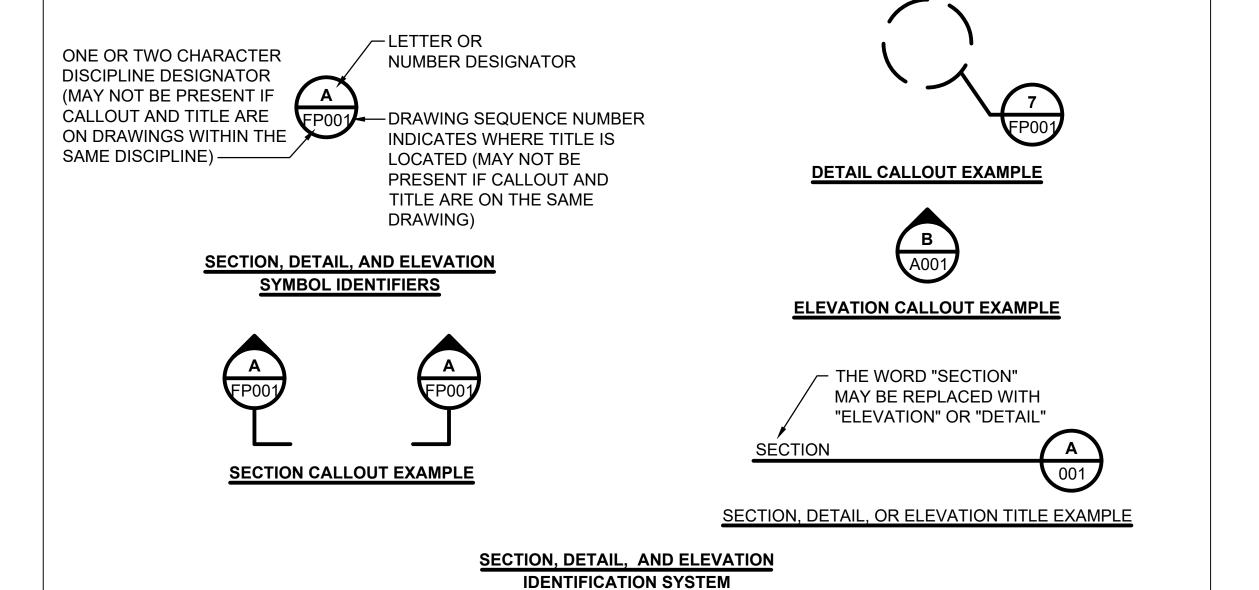


PH3: WILDLIFE DETERRENT FENCE INDEX OF DRAWINGS, SUMMARY OF QUANTITIES, AND ABBREVIATIONS

IL Proj. No. TIP-4687 | contract BMCD Proj. No. 108681 drawing

G-001

sheet 2 of 20 file 108681 G-001 INDEX



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RA017 rev.

sheets

- B. CONTRACTOR SHALL PROVIDE AND INSTALL A PROFESSIONALLY PAINTED SIGN MEETING AIRPORT MANAGER APPROVAL AT THE CONSTRUCTION ENTRANCE TO DIRECT MATERIAL SUPPLIERS AND EMPLOYEES TO THE CONSTRUCTION SITE. THE SIGN SHALL READ "CONSTRUCTION VEHICLES ONLY - NO VENDORS ALLOWED".
- C. ALL CONTRACTOR VEHICLES AND PERSONNEL SHALL REMAIN WITHIN THE DESIGNATED CONSTRUCTION LIMITS OR HAUL ROUTES. NO CONTRACTOR VEHICLES WILL BE ALLOWED ON OTHER AIRFIELD OPERATIONS AREAS.
- D. THE LIMITS OF CONSTRUCTION, MATERIAL STORAGE AREAS, EQUIPMENT STORAGE AREA, PARKING AREA AND OTHER AREAS DEFINED AS REQUIRED FOR THE CONTRACTOR'S EXCLUSIVE USE DURING CONSTRUCTION SHALL BE MARKED BY THE CONTRACTOR. TEMPORARY BARRICADES, FLAGGING AND FLASHING WARNING LIGHTS WILL BE REQUIRED AT CRITICAL ACCESS POINTS. TYPE OF MARKING AND WARNING DEVICES SHALL BE APPROVED BY THE ENGINEER AND AIRPORT MANAGER.
- ALL ACCESS GATES SHALL BE KEPT CLOSED DURING CONTRACTOR'S WORK HOURS. THE CONTRACTOR SHALL CLOSE AND LOCK ACCESS GATE AT THE COMPLETION OF EACH WORK DAY, AIRPORT MANAGER WILL PROVIDE LOCK AND KEYS FOR ACCESS GATE.
- CONTRACTOR WORK HOURS ARE FROM 7:00 AM TO 5:00 PM MONDAY THROUGH FRIDAY. THE CONTRACTOR MUST OBTAIN A PERMIT FROM THE VILLAGE OF RANTOUL TO CONDUCT WORK OUTSIDE OF THE DESIGNATED WORK HOURS.

COORDINATION AND COMMUNICATION DURING CONSTRUCTION:

- CONTRACTOR SHALL ADVISE AND THEN VERIFY WITH RESIDENT ENGINEER 72 HOURS IN ADVANCE AS TO THE NEED FOR NOTICES TO AIRMEN (NOTAMS). NO RUNWAY, TAXIWAY OR APRON SHALL BE CLOSED WITHOUT APPROVAL FROM THE AIRPORT MANAGER AND THE RESIDENT ENGINEER.
- CONTRACTOR SHALL APPOINT A CONSTRUCTION SUPERINTENDENT, SUBJECT TO THE APPROVAL OF THE AIRPORT MANAGER, WHO SHALL BE PRESENT ON THE CONSTRUCTION SITE AT ALL TIMES DURING WORKING HOURS WHILE JOB IS IN PROGRESS. THE SUPERINTENDENT SHALL BE DESIGNATED THE RESPONSIBLE CONTRACTOR'S REPRESENTATIVE WHO SHALL BE AVAILABLE ON A 24-HOUR BASIS.
- PRIOR TO CONSTRUCTION IN THE RESPECTIVE WORK AREAS. THE CONTRACTOR SHALL CORDON OFF THE WORK AREA AS SHOWN ON DRAWING G-101 BY USING BARRICADES AS DETAILED ON G-101. CONTRACTOR SHALL MAINTAIN, MOVE, AND REMOVE BARRICADES (AS DIRECTED) TO DELINEATE AREAS CLOSED TO ROADWAY TRAFFIC.
- D. PRIOR TO COMMENCEMENT OF CONSTRUCTION, CONTRACTOR SHALL SUBMIT TO AIRPORT MANAGER THE NAME AND TELEPHONE NUMBER OF THE INDIVIDUAL(S) WHO WILL BE ON CALL 24 HOURS PER DAY FOR EMERGENCY MAINTENANCE OF AIRPORT HAZARD LIGHTING & BARRICADES.
- CONTRACTOR SHALL FURNISH AN AIRPORT RADIO AND CONTINUOUSLY MONITOR AIRCRAFT TRAFFIC ON AND AROUND THE AIRPORT. THE FREQUENCY FOR LOCAL TRAFFIC IS 123.0

F. THE FOLLOWING CONTACT INFORMATION IS PROVIDED FOR CONTRACTOR'S USE IN CASE OF EMERGENCY:

EMERGENCY 911

(217) 892-6800

RANTOUL MUNICIPAL BUILDING

RANTOUL NATIONAL AVIATION CENTER AIRPORT MANAGER. ERIC VENCES (217) 892-6896

RANTOUL PUBLIC WORKS DEPARTMENT (ELECTRIC, GAS, WATER & SEWER) **GREG HAZEL** (217) 892-6526

VERIZON COMMUNICATIONS JOE BIRCH (217) 892-3338, (217) 493-7786

OTHER CONTACTS AS DIRECTED AT PRE-CONSTRUCTION MEETING

G. PRIOR TO THE COMPLETION OF EACH WORK DAY, ALL AIRFIELD PAVEMENT SURFACES WITHIN AND ADJACENT TO THE WORK AREA AND THOSE USED AS HAUL ROUTES SHALL BE SWEPT CLEAN.

III. TRAFFIC CONTROL

- A. ALL CONSTRUCTION EQUIPMENT AND VEHICLES SHALL BE MARKED WITH COMPANY PAINT DESIGNS, INSIGNIAS OR OTHER COMPANY MARKINGS, WHICH ARE CLEARLY VISIBLE. CONTRACTOR SHALL PROVIDE EACH VEHICLE WITH A FLAG ON A STAFF ATTACHED TO THE VEHICLE SO THAT THE FLAG WILL BE READILY VISIBLE. THE FLAG SHOULD BE AT LEAST 3 FOOT SQUARE, AND HAVE A CHECKERED PATTERN OF INTERNATIONAL ORANGE AND WHITE.
- CONSTRUCTION EQUIPMENT SHALL HAVE AUTOMATIC SIGNALING DEVICES TO SOUND AN ALARM WHEN MOVING IN REVERSE.
- C. ONLY RUBBER TIRED VEHICLES WILL BE ALLOWED ON PAVEMENT.
- D. NO PEDESTRIAN TRAFFIC OUTSIDE THE CONSTRUCTION WORK SITE WILL BE PERMITTED.
- E. ANY DAMAGE TO AIRPORT ROADS, AIRFIELD PAVEMENT, PARKING AREAS, STORAGE AREAS OR TURF AREAS DUE TO CONSTRUCTION EQUIPMENT OR CONSTRUCTION TRAFFIC SHALL BE REPAIRED TO ORIGINAL CONDITION TO THE SATISFACTION OF AND AT NO EXPENSE TO THE OWNER.
- F. ANY WORKERS AND/OR EQUIPMENT NOT IN COMPLIANCE WITH SAFETY PLAN SHALL IMMEDIATELY BE REMOVED FROM THE WORK AREA AND THEY WILL NOT BE PERMITTED TO WORK ON THE SITE THROUGHOUT THE REMAINDER OF THE PROJECT.

IV. EQUIPMENT AND STOCKPILE HEIGHT:

- A. THE MAXIMUM ALLOWABLE HEIGHT OF CONSTRUCTION EQUIPMENT OPERATING IN THE AOA IS 20'. HOWEVER, EQUIPMENT MUST NOT PENETRATE THE OFZ OF ANY ACTIVE RUNWAY AS DEFINED IN FAA AC 150/5300-13A, CURRENT VERSION.
- B. CONTRACTOR SHALL NOT STOCKPILE CONSTRUCTION MATERIALS. SPOILS. DEBRIS OR REFUSE IN ANY AREA WHERE SUCH STOCKPILES WOULD PENETRATE APPROACH SURFACES. STOCKPILING OF MATERIAL WITHIN THE SAFETY AREA OF AN ACTIVE RUNWAY OR TAXIWAY IS PROHIBITED.
- C. ALL STOCKPILES ADJACENT TO ACTIVE RUNWAY SAFETY AREAS OR OBSTACLE FREE ZONES SHALL BE IDENTIFIED WITH A 360 DEGREE RED OBSTRUCTION LIGHT PLACED AT THE HIGHEST POINT OF THE STOCKPILE.
- D. STOCKPILED MATERIAL SHALL BE CONTAINED IN A MANNER TO PREVENT MOVEMENT RESULTING FROM AIRCRAFT PROP WASH OR WIND CONDITIONS. IN ADDITION, STOCKPILED MATERIAL SHALL HAVE SILT FENCE PLACED AROUND IT TO PREVENT FOD FROM MOVING ONTO THE AIRFIELD PAVEMENTS OR POLLUTING WATERCOURSES.

V. EXCAVATION AND TRENCHES:

- OPEN TRENCHES AND EXCAVATIONS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH ORANGE BARRICADES WITH FLASHING RED LIGHTS ACCEPTABLE TO THE AIRPORT MANAGER.
- B. ALL CONSTRUCTION AREAS THAT POSE A HAZARD TO OPERATING VEHICLES SHALL BE PROPERLY MARKED WITH TRAFFIC CONTROL BARRICADES.

VI. OTHER SAFETY REQUIREMENTS:

- A. CONTRACTOR SHALL MAINTAIN SAFETY PRACTICES THAT CONFORM TO OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
- DEBRIS WASTE AND LOOSE MATERIALS CAPABLE OF CAUSING DAMAGE TO AIRCRAFT AND HELICOPTER LANDING GEAR, PROPELLERS AND ROTORS SHALL NOT BE LEFT WITHIN ACTIVE AIRCRAFT MOVEMENT AREAS. MATERIAL DROPPED WITHIN THESE AREAS SHALL BE REMOVED IMMEDIATELY.
- C. THE CONTRACTOR SHALL CONTROL BLOWING DUST FROM ANY HAUL ROUTE OR WORK AREA REGARDLESS OF SOURCE.

VII. CONTRACTOR SAFETY PLAN SUBMITTALS:

- A. CONTRACTOR SHALL FURNISH A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) THAT PROVIDES DETAILED INFORMATION REGARDING COMPLIANCE WITH THE PROJECT SAFETY PLAN IN CONJUNCTION WITH HIS/HER PROJECT SCHEDULE CONTRACTOR SHALL PROVIDE SPCD 7 DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING. INFORMATION SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING ITEMS:
 - 1. PROPOSED ACCESS POINTS, STAGING AREA AND HAUL ROUTES.
 - 2. ANY TEMPORARY MARKINGS TO BE USED.
 - 3. THE LOCATION AND TYPE OF BARRICADES OR OTHER TRAFFIC CONTROL DEVICES.
 - 4. AREAS TO WHICH CONSTRUCTION OPERATIONS WILL BE LIMITED, ALONG WITH PROPOSED MEASURES TO MINIMIZE THE POSSIBILITY OF CONTRACTOR EQUIPMENT AND/OR WORKERS ACCIDENTALLY ENTERING ANY AOA.
 - 5. ANY REQUESTED TEMPORARY AMENDMENTS TO THE AIRPORT SECURITY PLAN FOR SPECIAL CONDITION OR MODIFICATIONS.
- B. CONTRACTOR SPCD SHALL COMPLY WITH ALL REQUIREMENTS INDICATED IN THESE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND FAA ADVISORY CIRCULAR (AC) 150/5370-2G, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION. CURRENT EDITION.

GENERAL NOTES:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AND PAY FOR ALL APPLICABLE PERMITS, FEES AND LICENSES FOR CONSTRUCTION AND EQUIPMENT.

13

- TRAFFIC MAINTENANCE, INCLUDING BUT NOT LIMITED TO, BARRICADES. SHALL BE PAID INCIDENTAL TO CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONSTANT COORDINATION BETWEEN THE SUBCONTRACTORS AND THE ENGINEER. ALL CONSTRUCTION ACTIVITIES PLANNED BY THE CONTRACTOR SHALL BE REVIEWED AND APPROVED BY THE ENGINEER AND OWNER.
- LIMITS OF WORK SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO BEGINNING WORK.
- 5. THERE SHALL BE NO PERMANENT WASTE SITES ON AIRPORT PROPERTY. ANY TEMPORARY WASTE AREA WILL BE APPROVED BY THE ENGINEER AND SHALL BE KEPT IN A NEAT CONDITION. THE OWNER MAY DIRECT THE CONTRACTOR TO REMOVE WASTE IF NOT PROPERLY MAINTAINED.
- PRIOR TO COMPLETION OF THE PROJECT THE CONTRACTOR SHALL RESTORE ALL DAMAGED AREAS (NOT DESIGNATED FOR CONSTRUCTION) TO THEIR PRE-CONSTRUCTION CONDITION.
- 7. LOCATING, FLAGGING, AND PROTECTING THE EXISTING UTILITIES DURING THE DURATION OF THE CONSTRUCTION PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR. THE LOCATIONS OF THE EXISTING UTILITIES ON THE CONTRACT DRAWINGS WERE OBTAINED FROM EXISTING RECORDS AND NO GUARANTEE OF ACCURACY OR SUFFICIENCY FOR THIS INFORMATION IS ASSUMED BY THE OWNER OR ENGINEER. ANY DAMAGE TO ANY EXISTING UTILITIES WILL BE REPAIRED OR REPLACED TO THE SATISFACTION OF AND AT NO EXPENSE TO THE OWNER.
- THE CONSTRUCTION COVERED BY THE PLANS SHALL CONFORM TO ALL APPLICABLE STANDARDS AND SPECIFICATIONS OF THE FAA, IDOT AND IDOT-DOA
- 9. ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL OF THE ENGINEER.

no. date by ckd description 0 03/01/19 ARG SJM 100% SUBMITTAL



200 W ADAMS ST. CHICAGO, IL 60606 812-223-0920 LICENSEE NO. 184-001310

NOVEMBER 2, 2018

A. GALLAGHER checked S. MCLAUGHLIN

RA017

rev.



PH3: WILDLIFE DETERRENT FENCE CONSTRUCTION ACCESS AND SAFETY NOTES

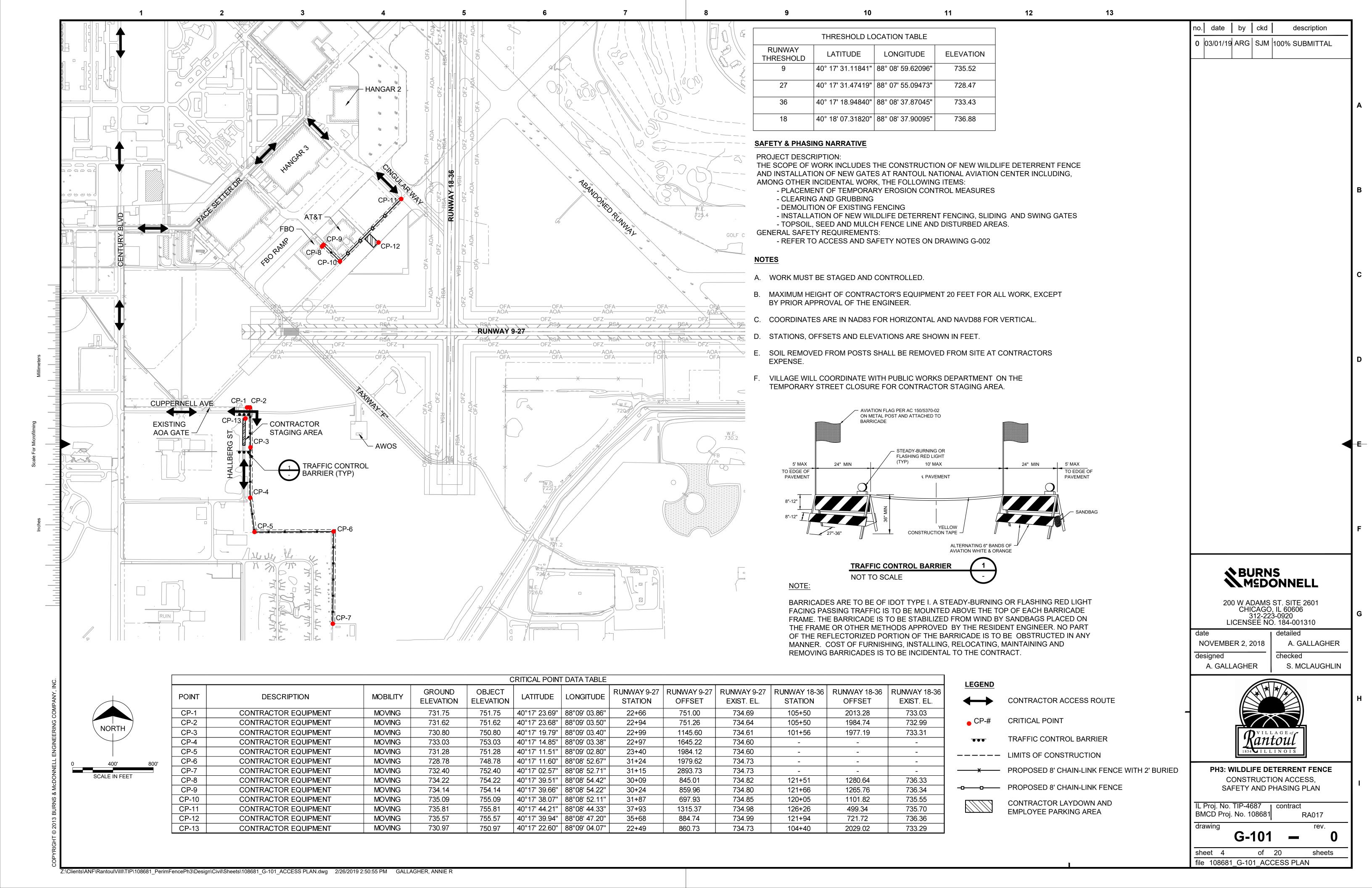
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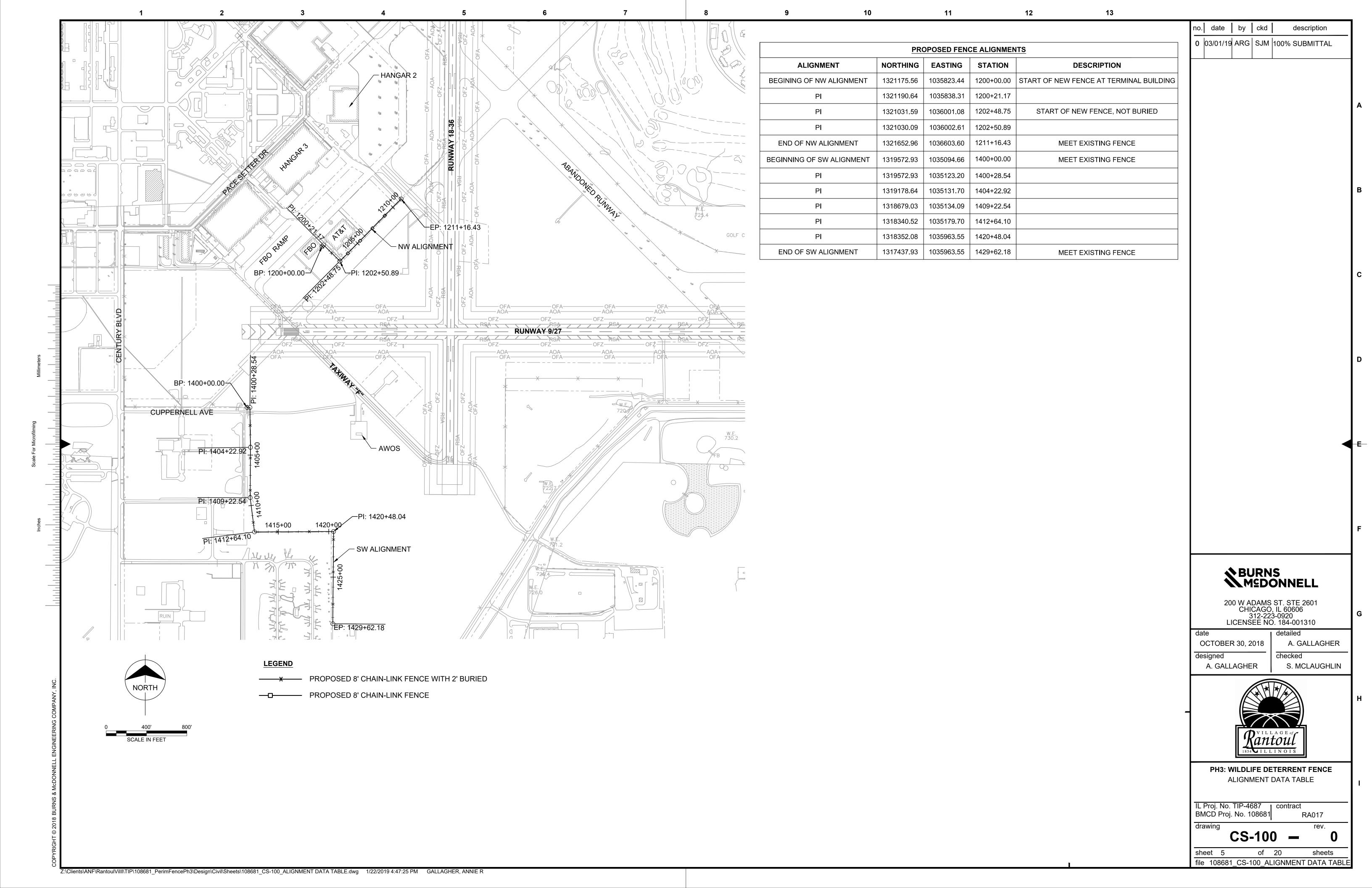
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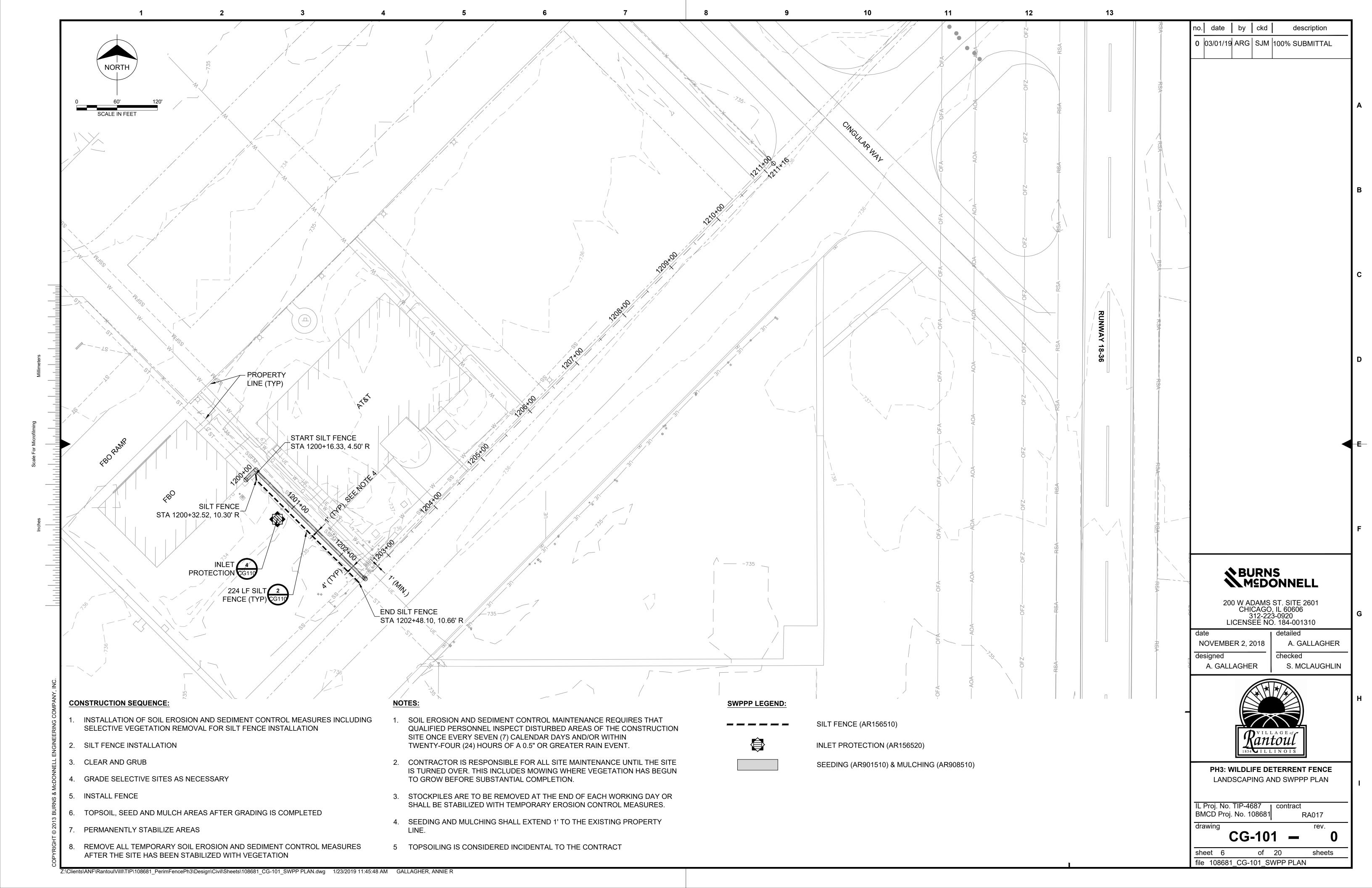
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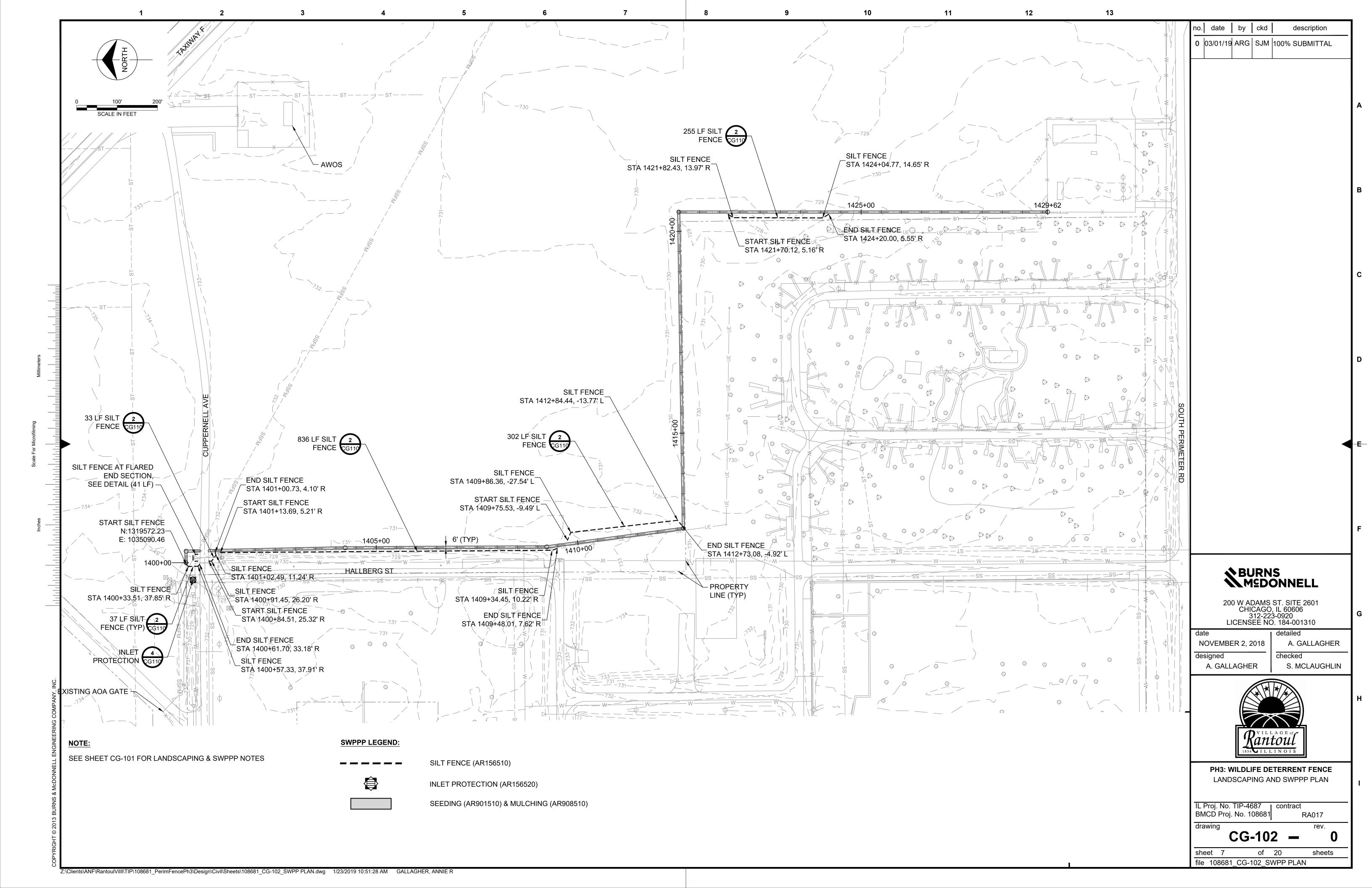
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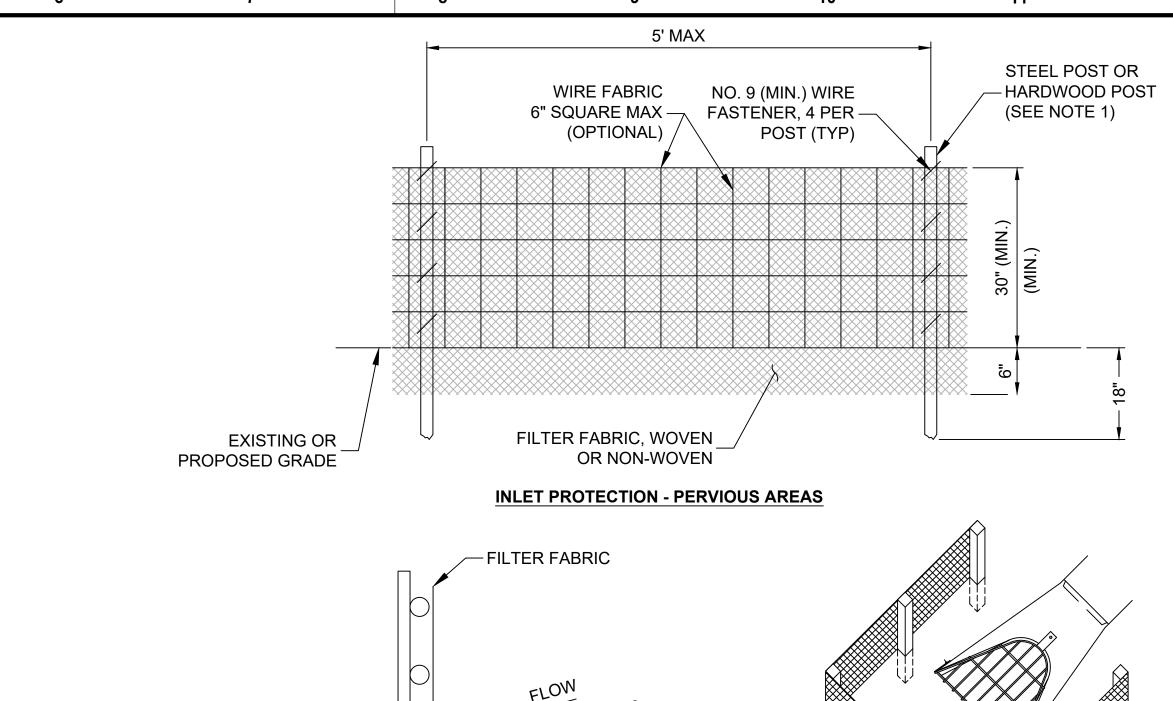


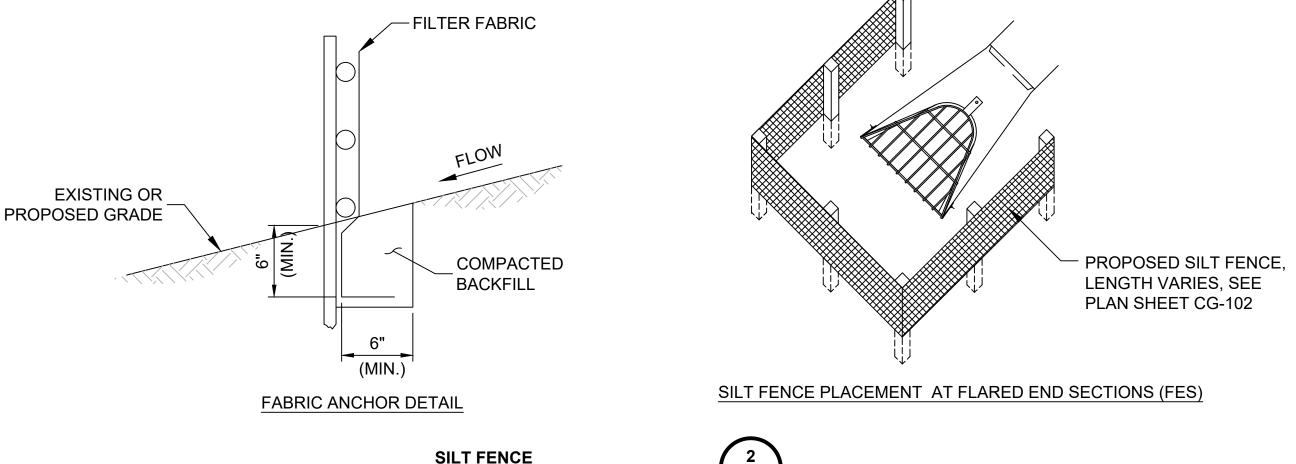


NOTES:

- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- 2. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- 3. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGICAL DISTURBANCE OR REDISTURBANCE.
- 4. SILT FENCE AND OTHER SEDIMENT CONTROL FEATURES SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. IT IS REQUIRED THAT QUALIFIED PERSONNEL INSPECT DISTURBED AREAS ONCE EVERY SEVEN (7) DAYS AND/OR WITHIN TWENTY-FOUR (24) HOURS OF A 0.5" OR GREATER RAIN EVENT. ANY REQUIRED MAINTENANCE SHALL BE PERFORMED.
- 5. SOIL STOCKPILES SHALL NOT BE LOCATED IN FLOOD PRONE AREA OR A DESIGNATED BUFFER. NO STOCKPILES SHALL BE LOCATED WITHIN INACTIVE RUNWAY SAFETY AREA, RUNWAY OBJECT FREE AREA, RUNWAY OBSTACLE FREE ZONE, OR ACTIVE TAXIWAY OBJECT FREE AREA.
- 6. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
- 7. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
- 8. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH ALL JURISDICTIONAL GOVERNMENTAL AGENCY REQUIREMENTS WITHIN 30 DAYS OF FINAL STABILIZATION.
- 9. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- 10. ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS URBAN MANUAL".
- 11. A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT OF WAY, STREET ALLEY, OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- 12. ANY LOOSE MATERIAL THAT IS DEPOSITED IN THE FLOW LINE OF ANY GUTTER OR DRAINAGE STRUCTURE DURING CONSTRUCTION OPERATIONS SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
- 13. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 8H:1V SHALL BE STABILIZED WITH SOD, MAT OR BLANKET IN COMBINATION WITH SEEDING.







NOTES:

3. CUT THE FABRIC NEAR THE BOTTOM OF THE STAKES TO ACCOMMODATE THE 6" FLAP.

4. DRIVE BOTH POSTS A MINIMUM OF 18 INCHES INTO THE GROUND AND BURY THE FLAP.

5. COMPACT BACKFILL (PARTICULARLY AT SPLICES) COMPLETELY TO PREVENT STORMWATER PIPING

- 1. FENCE POST SHALL BE EITHER STEEL "T" LINE POST OR HARDWOOD POST WITH A MINIMUM SECTIONAL AREA OF 2.0 SQUARE INCHES. A CARPENTER'S (NOMINAL) 2"x2" POST WILL MEET SPECIFICATIONS.
- 2. TOP AND BOTTOM WIRE OF WIRE FABRIC SHALL BE MINIMUM GAGE NO. 9. INTERMEDIATE WIRES OF THE WIRE FABRIC SHALL BE MINIMUM GAGE NO. 11.
- 3. WIRE FABRIC SHALL BE SECURELY FASTENED TO FENCE POSTS WITH NO. 9 GAGE WIRE MINIMUM. FOUR (4) FASTENERS PER POST REQUIRED.
- 4. FILTER FABRIC SHALL BE SECURELY FASTENED TO WIRE FABRIC AND POSTS WITH TIES OR STAPLES SPACED AT 12" APART AT THE TOP, MIDDLE AND BOTTOM.
- 5. FILTER FABRIC SHALL BE IN ACCORDANCE WITH SPECIAL PROVISIONS WITH APPARENT OPENING SIZE (AOS) OF AT LEAST 40 FOR NONWOVEN AND WOVEN (OR MAXIMUM OF 0.60mm).
- 6. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. PERIODIC INSPECTION
- SHALL BE PERFORMED AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.

 7. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN BULGES DEVELOP IN

INLET SEDIMENT FILTER

NOT TO SCALE

THE SILT FENCE.





200 W ADAMS ST. SITE 2601 CHICAGO, IL 60606 312-223-0920 LICENSEE NO. 184-001310

NOVEMBER 2, 2018

designed

A. GALLAGHER

no. date by ckd

0 |03/01/19| ARG | SJM |100% SUBMITTAL

description

LAGHER S. MCLAUGHLIN

A. GALLAGHER



PH3: WILDLIFE DETERRENT FENCE
SWPPP NOTES AND DETAILS

IL Proj. No. TIP-4687 contract
BMCD Proj. No. 108681 RA017
drawing rev.

CG-110 — 0

heet 8 of 20 sheets

file CG-110 SWPPP NOTES AND DETAILS

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