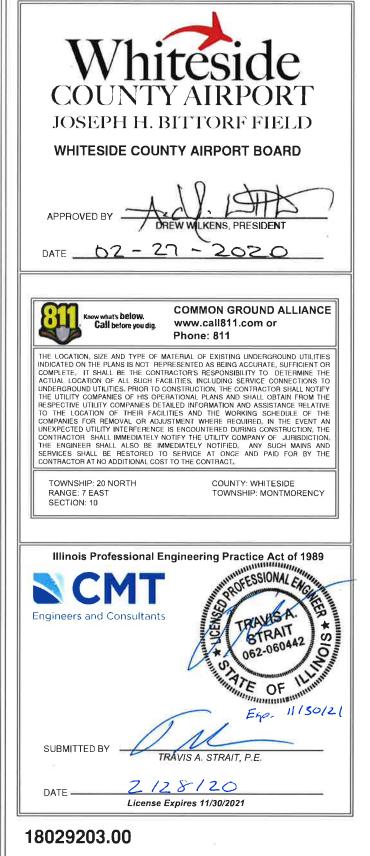
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# WHITESIDE COUNTY AIRPORT BOARD WHITESIDE COUNTY, ILLINOIS



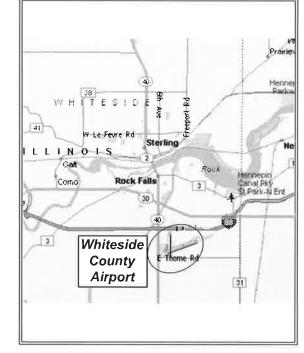
CONSTRUCTION PLANS FOR WHITESIDE COUNTY AIRPORT

**REHABILITATE RUNWAY 18/36** LIGHTING CIRCUIT

FINAL SUBMITTAL

**ILLINOIS PROJECT: SQI-4766** SBG PROJECT: 3-17-SBGP-XXX

> **FEBRUARY 28, 2020** (APRIL 24, 2020 LETTING)





SITE PLAN

LOCATION MAP

# WH014 TOTAL SHEETS: 25

# **DESIGN INFORMATION**

# **RUNWAY 18/36**

AIRCRAFT DESIGN GROUP II DESIGN APPROACH CATEGORY B RUNWAY SAFETY AREA WIDTH = 150

### **RUNWAY 7/25**

AIRCRAFT DESIGN GROUP III DESIGN APPROACH CATEGORY C RUNWAY SAFETY AREA WIDTH = 500

MAXIMUM EQUIPMENT HEIGHT - 25' UNICOM FREQUENCY - 123.00

# **INDEX TO SHEETS**

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- SEQUENCE OF CONSTRUCTION NOTES
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- 23. ELECTRICAL DETAILS 4
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- 25. VAULT PLAN

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	RECORD QUANTITY
AR108158	1/C #8 5 KV UG CABLE IN UD	LF	13,030.00	
AR108258	2/C #8 5 KV UG CABLE IN UD	LF	1,580.00	
AR109321	10 KW REGULATOR, STYLE 1	EA	1.00	
AR109342	20 KW REGULATOR, STYLE 2	EA	1.00	
AR110212	2" STEEL DUCT, DIRECT BURY	LF	110.00	
AR110610	ELECTRICAL HANDHOLE	EA	1.00	
AR110906	REMOVE ELECTRICAL HANDHOLE	EA	1.00	
AR125410	MITL - STAKE MOUNTED	EA	4.00	
AR125442	TAXI GUIDANCE SIGN, 2 CHARACTER	EA	2.00	
AR125445	TAXI GUIDANCE SIGN, 5 CHARACTER	EA	3.00	
AR125505	MIRL, STAKE MOUNTED	EA	24.00	
AR125510	MIRL, BASE MOUNTED	EA	12.00	
AR125545	MI THRESHOLD LIGHT BASE MTD	EA	8.00	
AR125610	REILS	PAIR	2.00	
AR125901	REMOVE STAKE MOUNTED LIGHT	EA	38.00	
AR125902	REMOVE BASE MOUNTED LIGHT	EA	16.00	
AR125904	REMOVE TAXI GUIDANCE SIGN	EA	6.00	
AR125906	REMOVE SPLICE CAN	EA	10.00	
AR125907	REMOVE REILS	PAIR	2.00	
AR125942	ADJUST BASE MOUNTED LIGHT	EA	3.00	
AR150510	ENGINEER'S FIELD OFFICE	LS	1.00	
AR150520	MOBILIZATION	LS	1.00	
AR800872	2 #4 XLP-USE 600V, 1 #8 GND IN 1-1/4" UD	LF	7,280.00	
AR800873	REPLACE BASE MOUNTED RUNWAY THRESHOLD LIGHT, FIXTURE ONLY	EA	8.00	
AR800874	REPLACE 5 CHARACTER SIGN ON EXISTING FOUNDATION	EA	1.00	
AR800875	RELOCATE EXISTING 2 CHARACTER SIGN TO NEW FOUNDATION	EA	2.00	
AR800876	RELOCATE EXISTING 5 CHARACTER SIGN TO NEW FOUNDATION	EA	2.00	
AR800877	RELOCATE EXISTING 6 CHARACTER SIGN TO NEW FOUNDATION	EA	1.00	
AR800878	REMOVE BITUMINOUS PAVEMENT AND REPLACE WITH NEW PCC PAVEMENT	SY	65.00	

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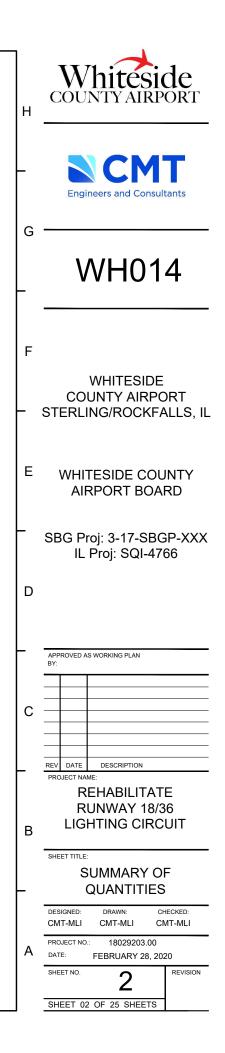
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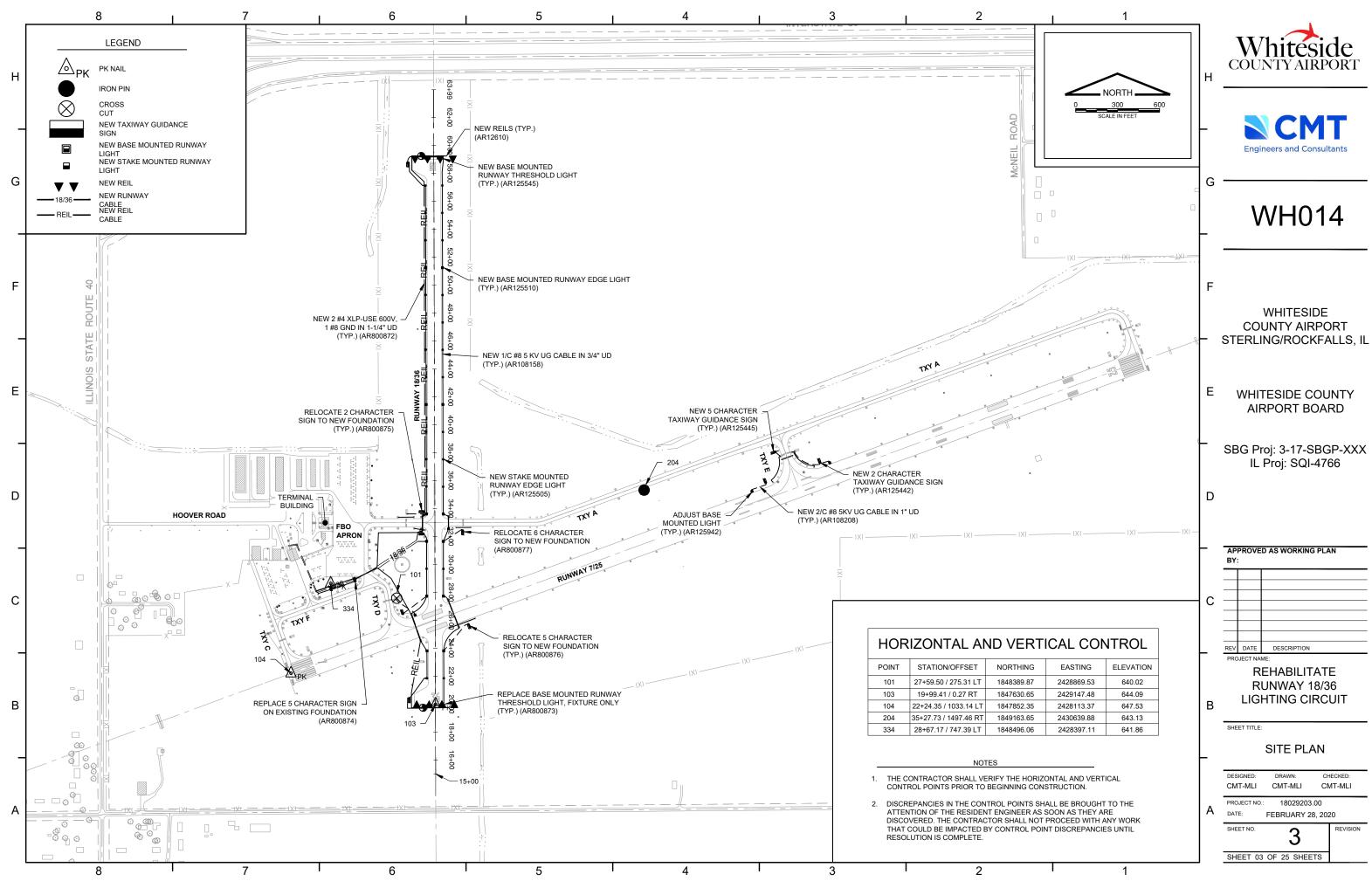
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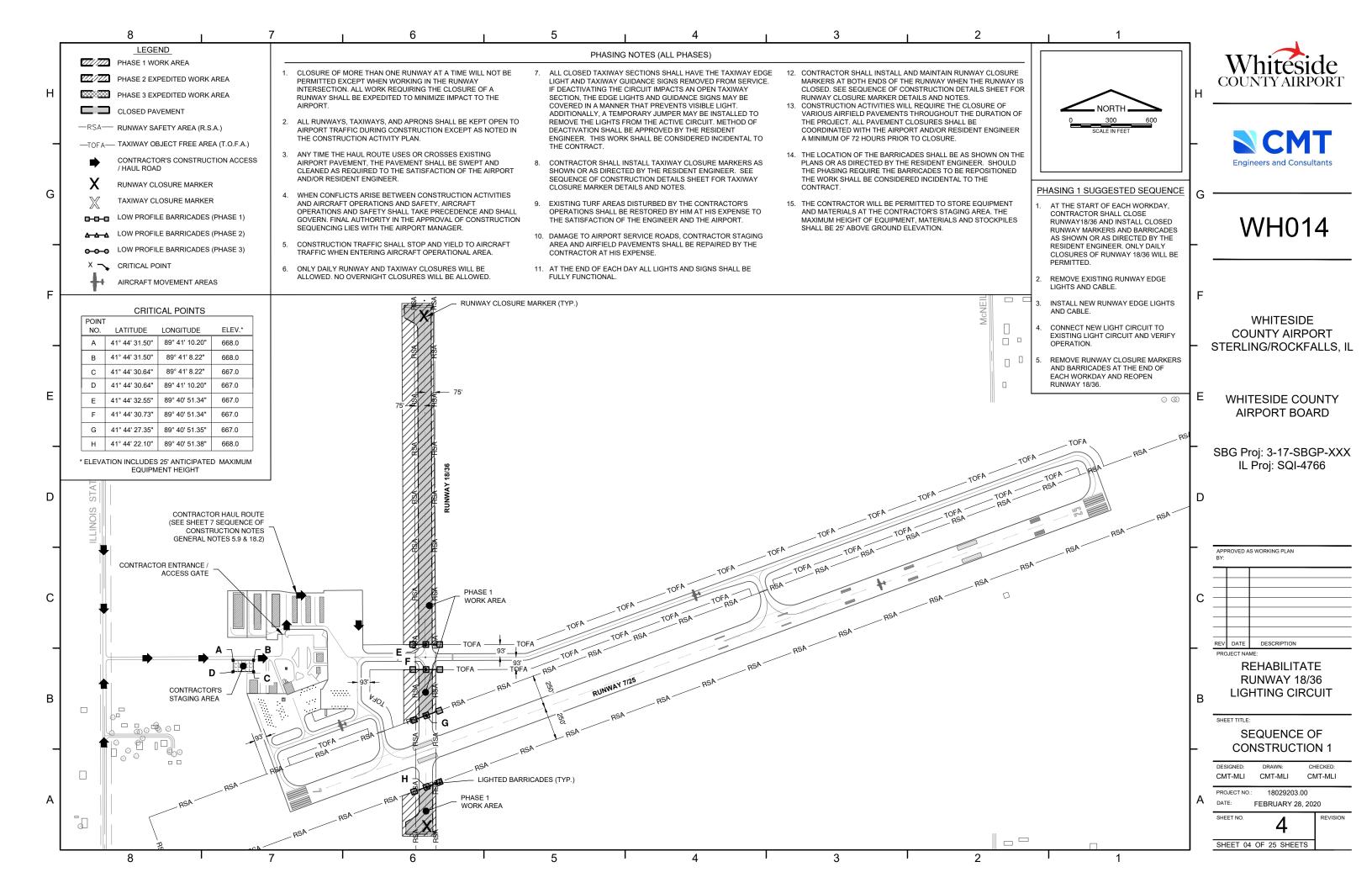
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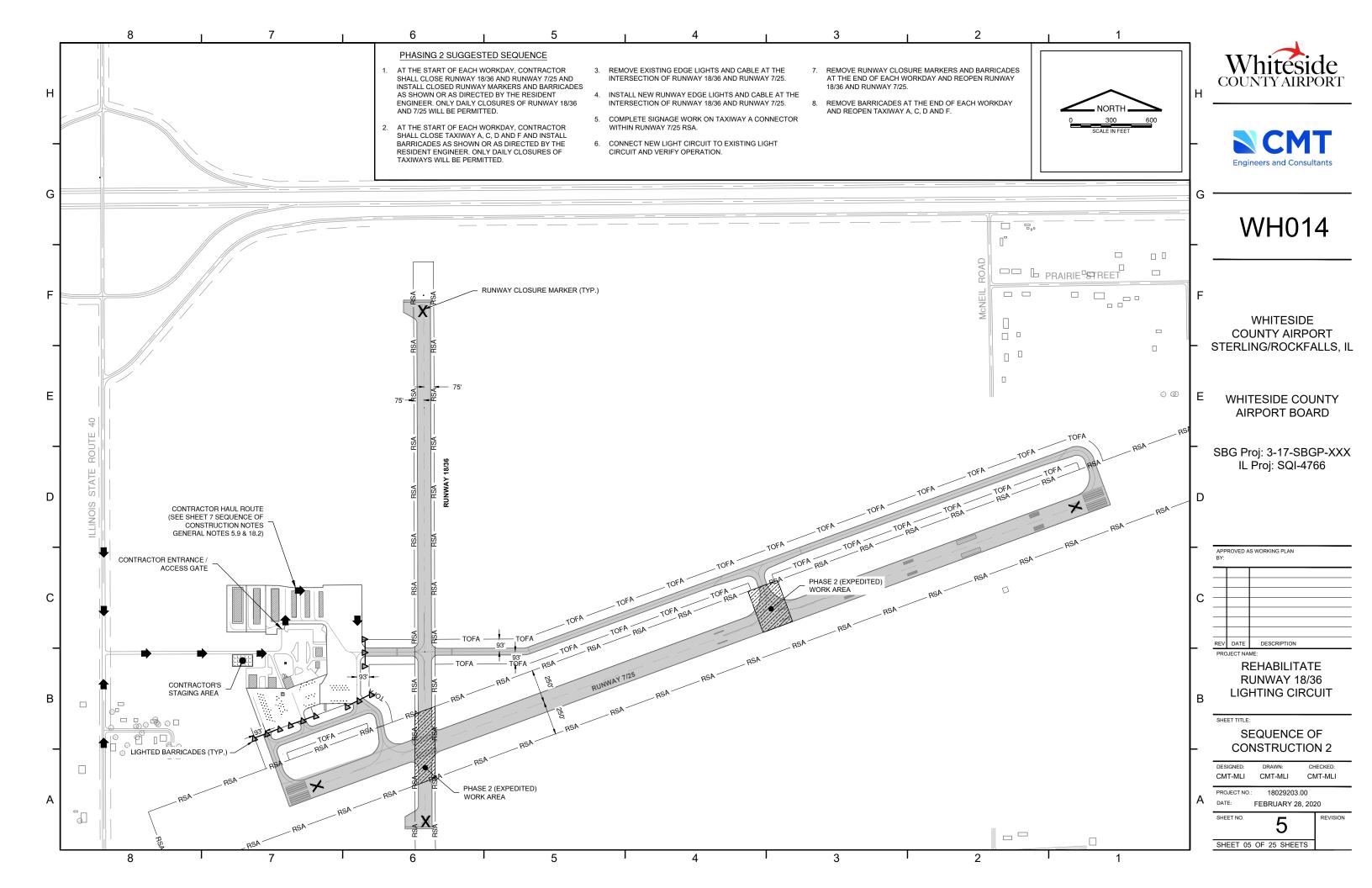
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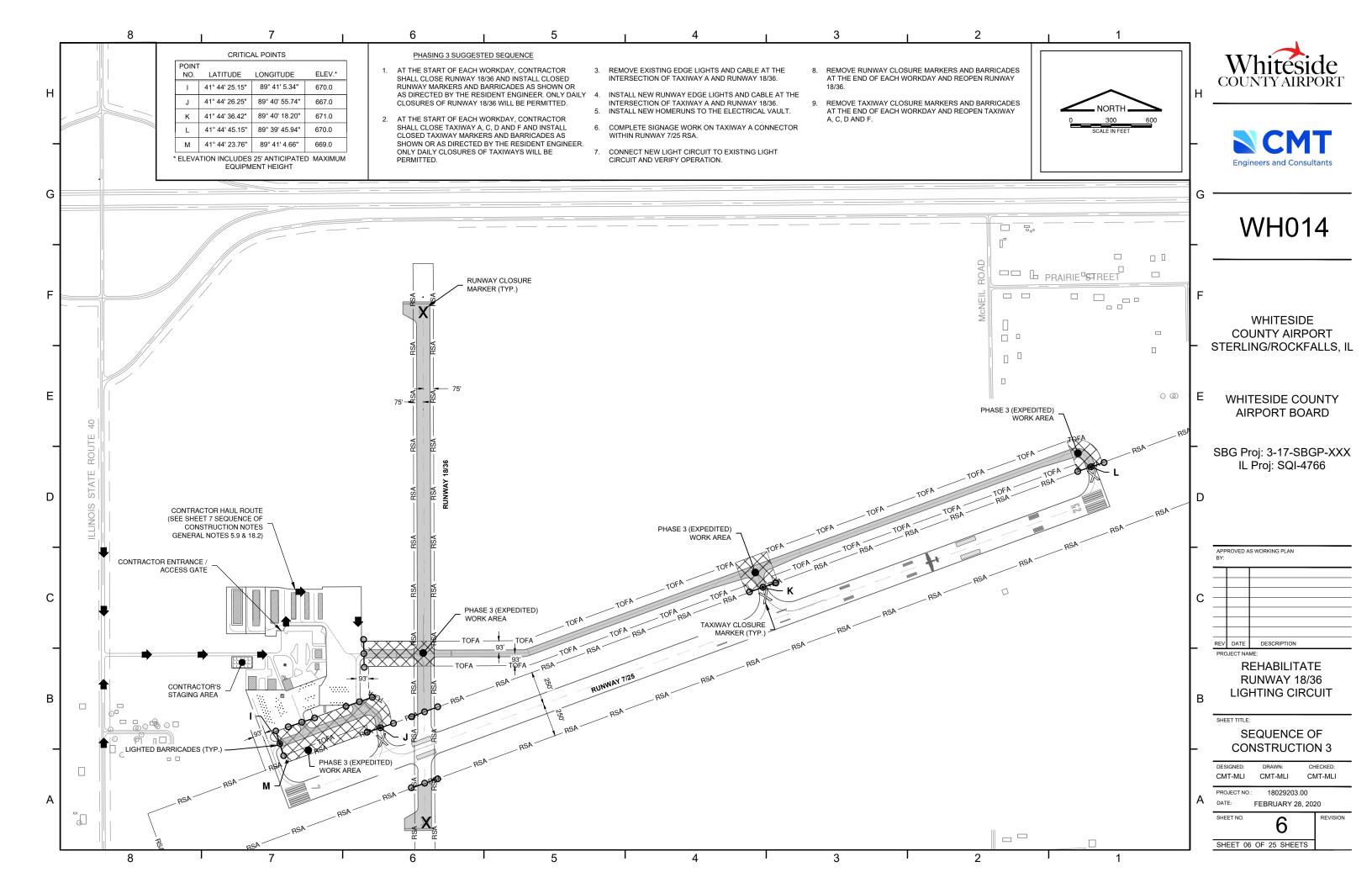
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		8	7		6	1	5	1	4	1	3	1	2
	GE	ENERAL		3. A	REAS AND OPERATIO	NS AFFECTED BY	CONSTRUCTION						
	1.	THE CONTRACTOR AND ALL SUBCONTRA REQUIREMENTS OF THE AIRPORT'S APPI AND PHASING PLAN (CSPP), FAA AC 150/ AIRPORT SAFETY AND SECURITY REQUI	ROVED CONSTRUCTION SAFETY 5370-2(LATEST EDITION), AND ALL	1.	ALL RUNWAYS, TAXIWAYS	S AND APRONS SHALL	BE KEPT OPEN TO XCEPT AS NOTED ON THE	1. T K	ZARDOUS MATERIALS (H THE CONTRACTOR SHALL DEVE KEEP COPIES ON THE JOBSITE MSDS) FOR ALL MATERIALS HA	ELOP A HÁZMAT MA OF MATERIAL SAFE	ANAGEMENT PLAN AND ETY DATA SHEETS	<u>16</u> 1.	HAZARD MARKING AND THE CONTRACTOR SHALL F AND ASSOCIATED LIGHTING TEMPORARY STOCKPILES,
Н	2.	PRIOR TO THE START OF CONSTRUCTIO SUBMIT TO THE AIRPORT FOR APPROVA DOCUMENT (SPCD) IN ACCORDANCE WIT EDITION. NO CONSTRUCTION ACTIVITY	L A SAFETY PLAN COMPLIANCE IH FAA AC 150/5370-2(LATEST	2.	WHEN CONFLICTS ARISE AIRCRAFT OPERATIONS A SAFETY SHALL TAKE PRE AUTHORITY IN THE APPRO WITH THE AIRPORT.	ND SAFETY, AIRCRAF	T OPERATIONS AND . GOVERN. FINAL	1. 1 F	TIFICATION OF CONSTRU THE CONTRACTOR SHALL PROV PERSON AND PHONE NUMBER.	VIDE A 24 HOUR EN	IERGENCY CONTACT	2.	ALL CONSTRUCTION EQUIF ACCORDANCE WITH FAA AI AT ALL TIMES WHILE OPER EQUIPMENT HEIGHT IS 25'.
	3.	HAS APPROVED THE SPCD. THE CSPP COVERS OPERATIONAL SAFE' RESPONSIBLE FOR THE INDIVIDUAL SAFI MEETING SAFETY REQUIREMENTS.		3.	AIRCRAFT OPERATIONS H CONSTRUCTION TRAFFIC AIRCRAFT AT ALL TIMES.		VAY ON THE AIRFIELD. ALL YIELD TO ONCOMING	F	THE CONTRACTOR SHALL GIVE AIRPORT OPERATIONS PRIOR T PROPER NOTAMS MAY BE ISSU	O CLOSING ANY P ED BY THE AIRPOR	AVEMENTS SO THAT RT.	3.	BARRICADES SHALL BE PL/ CONSTRUCTION SAFETY AI THE RESIDENT ENGINEER. BARRICADES AND CONSTR
G	4.	A MINIMUM OF 10 DAYS PRIOR TO THE P CONTRACTOR SHALL PROVIDE A LIST OF MATERIAL SUPPLIERS.		4.	SHOULD IT BE NECESSAR RELOCATE EQUIPMENT A THE CONTRACTOR SHALL THE OWNER.	T ANY TIME TO ALLOV	V AN AIRCRAFT TO PASS,	( 1 E	GREATER THAN 25', THE CONTR THE TYPE OF EQUIPMENT, TOT, EQUIPMENT WILL BE USED. THI TO THE FAA FOR AN AIRSPACE	RACTOR SHALL PRO AL HEIGHT, AND LC E AIRPORT WILL SU	OVIDE TO THE AIRPORT OCATION WHERE THE JBMIT FAA FORM 7460-1		PRIOR TO INITIATING WORI INSTALL, REPOSITION, AND CONSIDERED INCIDENTAL
	5.	A MINIMUM OF 10 DAYS PRIOR TO THE N CONTRACTOR SHALL SUBMIT THE SPCD		<u>4. P</u> 1.	ROTECTION OF NAVIO	REMAIN CLEAR OF T	HE ILS CRITICAL AREAS	F	GREATER THAN 25' SHALL BE U RECEIVED.			4.	THE CONTRACTOR SHALL I WORK DAY TO INSURE PRO THE RED LIGHTS AND FLAG
_	6.	PRIOR TO THE START OF CONSTRUCTIO THE SWPPP CERTIFICATION STATEMENT		5. C	AND OTHER NAVAIDS FAC			5. 0	N THE EVENT OF AN EMERGEN CONTACTS FOR THIS PROJECT	WILL BE DETERMIN	NED AT THE	5.	ACCESS TO ACTIVE RUNWA
	7.	THE SUGGESTED SEQUENCE OF CONST TO ALLOW FOR THE ORDERLY CONSTRU IMPROVEMENTS WHILE MAINTAINING AIR	JCTION OF THE NEW	1.	CONTRACTOR ACCESS SI THE SITE PLAN AND CONS SHEETS.			<u>10. IN</u>	PRECONSTRUCTION MEETING F	ITS			RIGHT AND LEFT). IN ADDIT EACH, RIGHT AND LEFT) SH STATE "UNAUTHORIZED AC
F		THE PHASING SHOWN IS A SUGGESTED ONLY. THIS SEQUENCE MAY BE MODIFIE RESIDENT ENGINEER. HOWEVER, ALTER MAINTAIN AIRPORT OPERATIONS TO THE	SEQUENCE OF CONSTRUCTION ED WITH THE APPROVAL OF THE RNATE STAGING PLANS MUST	2.	ONLY CONSTRUCTION VE ACCESSIBLE DURING THE	SHALL BE SIGNED ACC HICLES ACCESS AND CONTRACTOR'S SCH	CORDINGLY AS TO ALLOW WILL ONLY BE IEDULED WORK DAY. ALL	C F I	THE CONTRACTOR SHALL INSP COMPLIANCE WITH THE CSPP. AA AC 150/5370-2(LATEST EDIT NSPECTIONS.	THE CHECKLIST FO ION) MAY BE USED	OUND IN APPENDIX 3 OF TO AID IN THE	<u>17</u> 1.	CONTRACTOR PERSONNEL CONTRACTOR PERSONNEL SHALL NOT BE ALLOWED W (TOFA) OF ACTIVE TAXIWAY ACTIVE RUNWAYS.
	8.	ALL EXISTING TAXIWAY AND RUNWAY AI CABLES AND OTHER AIRPORT ELECTRIC SERVICE UNTIL REPLACED AS ACCEPTAI	AL CABLES SHALL REMAIN IN		SIGNAGE SHALL CONFOR VEHICLES ENTERING AND	LEAVING THE SITE.		١				<u>18</u>	. OTHER LIMITATIONS O
		AND AIRPORT FOR ALL PHASES. ALL TEM NECESSARY TO KEEP THE CIRCUITS IN C CONSIDERED INCIDENTAL TO THE CONT	MPORARY CABLING AND SPLICING OPERATION SHALL BE	3.	AND AIRPORT DRIVING PR OTHER CONSTRUCTION F	THAT THEY ARE FAMIL ROCEDURES IN ORDE PERSONNEL CAN BE W	LIAR WITH AIRPORT RADIO	1. ľ I	NDERGROUND UTILITIES T WILL BE NECESSARY FOR TH NVESTIGATION TO DETERMINE JNDERGROUND UTILITIES AT C	THE EXACT LOCA RITICAL POINTS. S	TION OF THE EE SECTION 70-17 OF	1. 2.	IF, DURING CONSTRUCTION AIRPORT, THE CONTRACTO OF ALL VEHICLES, PERSON THE CONTRACTOR SHALL F
E	9.	ALL EXISTING AND PROPOSED FENCE LI NOTED, SHALL BE MAINTAINED AND SHA AROUND THE PERIMETER OF THE PROJE BE MAINTAINED, CLOSED AND LOCKED / OWNER'S REPRESENTATIVE. SHOULD TH	LL SERVE AS CONSTRUCTION ECT. ALL EXISTING GATES SHALL AS DIRECTED BY THE AIRPORT	4.	AUTHORIZED SUPERVISO PROCEDURE'S BY THE SL DEMONSTRATED PRIOR T DRIVERS OF TRUCKS CON	R. KNOWLEDGE OF T PERVISORY PERSON O THE START OF COM	THE AIRPORTS NEL MUST BE NSTRUCTION.	S / F F	THE STANDARD SPECIFICATION SPECIFIC REQUIREMENTS. THE AS INDICATED ON THE PLANS H RECORDS. NEITHER THE OWNE RESPONSIBILITY IN RESPECT TO DUEFORMAN OF THE NEODAL	E LOCATION OF UN IAS BEEN OBTAINE R NOR THE ENGIN O THE ACCURACY,	DERGROUND UTILITIES D FROM EXISTING EER ASSUMES ANY COMPLETENESS OR	£.	MATERIALS OFF OF THE EX THE PROJECT LIMITS EXCE PERMISSION OF THE RESID TRACK ANY DEBRIS ONTO I REMOVED IMMEDIATELY W
		KEEP A GATE OPEN FOR CONSTRUCTION SECURITY GUARD SHALL MONITOR THE NOT BE PAID FOR SEPARATELY, BUT WIL TO THE CONTRACT.	OPEN GATE. ANY COST SHALL	4.	CONCRETE, ETC.) NEED N BE REQUIRED TO SUBMIT TRUCK LICENSE PLATE N THE PRIME CONTRACTOR	IOT OBTAIN AN AIRPC THEIR NAME, DRIVER JMBER AND NAME OF	RT ID BADGE BUT SHALL R'S LICENSE NUMBER, TRUCKING COMPANY TO	E M F C	SUFFICIENCY OF THE INFORMA EXPRESSED OR IMPLIED, THAT MATERIAL OF EXISTING UNDER REPRESENTATIVE OF THOSE TO CONSTRUCTION. IT SHALL BE T	THE LOCATIONS, S GROUND UTILITIES DBE ENCOUNTER THE CONTRACTOR	SIZE AND TYPE OF S AS INDICATED ARE ED DURING S RESPONSIBILITY TO	3.	SHALL BE REQUIRED TO BE CONSTRUCTION OPERATIO THE CONTRACTOR SHALL F
_	10.	ALL TIMES DURING THE PROJECT DURATING ALL CONTROL OF THE PROJECT DURING ALL CONTROL OF THE PROVIDOR OF THE PROVIDOR OF THE PROVIDOR ALL CONTROL OF THE	TION. A WATER TRUCK SHALL BE ONSTRUCTION OPERATION	5.	THE CONTRACTOR'S STO THE SITE PLAN AND CONS		AREA WILL BE AS SHOWN IN PLAN.	5	DETERMINE THE ACTUAL LOCA SERVICE CONNECTIONS TO UN CONSTRUCTION, THE CONTRAC COMPANY/OWNER OF HIS OPE	DERGROUND UTILI CTOR SHALL NOTIF	TIES. PRIOR TO Y THE UTILITY		THE WORK ZONE AND MAIN TO USE. FACILITIES WITHIN NOT BE USED.
D	11.	WORKING HOURS, UNLESS WAIVED BY T DUST CONTROL SHALL BE CONSIDERED PAYMENT FOR ALL AIRSIDE AND ROADW BUT NOT LIMITED TO. TEMPORARY CONS	INCIDENTAL TO THE CONTRACT.	6.	THE CONTRACTOR SHALL EMPLOYEES ENTERING T EACH SUBCONTRACTOR I BY THE CONTRACTOR.	HE JOB SITE ON A DAI	ILY BASIS. A RECORD OF	s / (	SHALL MAKE ARRANGEMENTS I ASSISTANCE IN LOCATING UTIL JTILITY INTERFERENCE IS ENC CONTRACTOR SHALL IMMEDIAT	FOR DETAILED INF ITIES. IN THE EVEN OUNTERED DURING ELY NOTIFY THE U	ORMATION AND NT AN UNEXPECTED G CONSTRUCTION, THE ITILITY COMPANY, THE	4.	WORK PERFORMED BY THE SHALL BE DONE UNDER SU ALLOW FOR PROPER CONS LIGHT SHALL CONSIST OF N AND/OR SPOTLIGHTS OF SI
	12.	BARRICADES, SIGNING, AIR OPERATIONS ETC. SHALL BE CONSIDERED INCIDENTA ALL CONTRACTOR COSTS ASSOCIATED ON THIS SHEET SHALL BE CONSIDERED	L TO THE CONTRACT. WITH THE REQUIREMENTS LISTED	7.	THE CONTRACTOR'S MAT SHALL BE STORED IN THE DELIVERIES, EQUIPMENT EQUIPMENT TRANSFER S	CONTRACTOR'S STA REFUELING, EQUIPME	GING AREA. ALL ENT MAINTENANCE AND	C 	DWNER AND THE ENGINEER. A DISTURBED BY THE CONTRACT MMEDIATELY AT HIS EXPENSE AND THE ENGINEER.	FOR'S OPERATIONS	S SHALL BE RESTORED		AREA. VEHICLE HEADLIGH OTHER LIGHTS MENTIONEE THE ENGINEER AND SHALL SAFETY.
_	1 0	UNLESS A SPECIFIC PAY ITEM IS PROVID		8.	STAGING AREA. THE CONTRACTOR WILL E			A C	BEFORE INITIATING ANY DIGGIN AIRPORT PROPERTY, THE CON CONTACT THE LOCAL FAA OFFI	TRACTOR SHALL C CE TO ARRANGE F	ALL J.U.L.I.E. AND OR UTILITY LOCATES.	5.	THE CONTRACTOR SHALL S
	1.	PRIOR TO THE START OF CONSTRUCTIO ATTEND A PRECONSTRUCTION CONFER RESIDENT ENGINEER, AND ILLINOIS DIVIS	ENCE WITH THE AIRPORT,		MATERIALS ONLY AT THE MATERIAL STOCKPILES S F.A.R. TITLE 14 PART 77 - (	HALL NOT PENETRATI		I	SEE SECTION 70-17 OF THE SPE NFORMATION. SHOULD A UTILITY COMPANY O				AIRPORT MANAGER NEEDS THE OPERATOR OF SAID RA PROCEDURES AND TUNED
С	2.	THE COST OF PREPARING FOR AND ATT CONFERENCE SHALL BE INCIDENTAL TO ON OR BEFORE THE PRECONSTRUCTION	THE CONTRACT.	9.	ALL CONSTRUCTION TRA TAXIWAYS AND APRONS CONTROL BY A FLAGMAN FREQUENCY SPECIFIED F	OPEN TO AIRCRAFT T	RAFFIC SHALL BE UNDER RADIO TUNED TO THE AIR	L	OCATE FACILITIES, THE CONTROL PAYMENT FOR THIS LOCATION MPROVEMENTS REQUIRING TH	RACTOR SHALL LO	CATE THESE FACILITIES.	6.	BROKEN CONCRETE, BROK DEBRIS SHALL BE DISPOSE OTHERWISE SPECIFIED.
_		CONTRACTOR SHALL SUBMIT A PROPOS PROJECT. THE SCHEDULE SHALL INCLU DATE FOR EACH ITEM OF WORK. THE SC	ED SCHEDULE FOR THE DE A START AND COMPLETION CHEDULE SHALL BE UPDATED ON	10.	PROVIDE HIS OWN FLAGM ALL PAVEMENTS, DRIVES	IEN. OR ANY OTHER AREA	AS UTILIZED BY THE	(	THE CONTRACTOR SHALL BE R DWNED UTILITIES AND SHALL B CONTRACT.				
	3.	A WEEKLY BASIS. ALL COSTS ASSOCIAT BE INCIDENTAL TO THE CONTRACT. THE CONTRACTOR SHALL BE REQUIRED				INED AND REPAIRED /ERE PRIOR TO BEGIN	TO THE SAME CONDITION	1. N	PENALTIES NONCOMPLIANCE BY THE CONT				
В		PLAN WITH THE AIRPORT OR HIS/HER DE REGARDING DE-ENERGIZING AND ENERG CIRCUITS IMPACTED BY CONSTRUCTION	SIGNATED REPRESENTATIVE, GIZING OF THE AIRFIELD	11.	ALL VEHICLE AND EQUIPM			(	REGULATIONS OR FAILURE TO CSPP AND THE CONTRACTOR'S AS ALLOWED BY LAW.				
	4.	CONTRACTOR SHALL PLAN HIS/HER WOF HINDER THE PROGRESS, WORK OR HAU CONTRACTORS (SEE STANDARD SPECIF OF AIRPORT AND SPECIAL PROVISIONS S	L ROAD ACCESS OF OTHER ICATIONS FOR CONSTRUCTION	<u>6. V</u> 1.	SHALL BE PROPERLY TRA VILDLIFE MANAGEMEN THE CONTRACTOR SHALL DESIDENT ENCINEER IS A	I <u>T</u> . NOTIFY AIRPORT OP		1. A (	PECIAL CONDITIONS ADJACENT CONSTRUCTION MA CONTRACTOR.		RATIONS OF THE		
		CONTRACTOR WILL BE RESPONSIBLE TO ACTIVITIES AND ACCESS BETWEEN ALL SUBCONTRACTORS. IT IS ANTICIPATED 1	O COORDINATE CONSTRUCTION ON-SITE CONTRACTORS THE FOLLOWING PROJECTS MAY	2.	CONTRACTOR ACCESS G	ATES SHALL REMAIN		1. F	UNWAY AND TAXIWAY VI RUNWAY OR TAXIWAY CLOSUR CONSTRUCTION SAFETY AND P	ES ARE AS DETAILI HASING PLAN FOR	THIS PROJECT. IF ANY		
		BE UNDER CONSTRUCTION CONCURREN  • REHABILITATE RUNWAY 18/36	ITLY WITH THIS PROJECT.	3.	THE CONTRACTOR SHALL SCRAPS IN APPROVED CO	DISPOSE OF ALL TRA		(	RUNWAY OR TAXIWAY CLOSUR CONTRACTOR AND APPROVED SHALL USE MARKING, LIGHTING REQUIREMENTS OF FAA AC 150	BY THE AIRPORT, <sup>T</sup> AND SIGNS THAT	THE CONTRACTOR FOLLOW THE		
A	<u>2. F</u> 1.	PHASING TOTAL BASE BID CONTRACT TIME SHALL	. BE 67 CALENDAR DAYS.	<u>7. F</u> 1.	OREIGN OBJECT DEB	PICK UP ANY FOREIC		15. M	ARKING AND SIGNS FOR	ACCESS ROUT	ES		
	2.	PHASING SHALL BE AS SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEET.		2.	SEEN ON THE AIRFIELD PAVEMENTS.			<ol> <li>MARKING AND SIGNAGE FOR THE ACCESS ROUTE SHALL BE AS SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN OR AS DIRECTED BY THE RESIDENT ENGINEER.</li> </ol>					
				-	FRUR TO DRIVING UN AI	A IELD PAVEIVIENTS.		-					

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ND LIGHTING ILL FURNISH, ERECT, AND MAINTAIN MARKINGS TING OF OPEN TRENCHES, EXCAVATIONS, ES, AND HIS/HER CONSTRUCTION EQUIPMENT.

UIPMENT SHALL BE FLAGGED AND/OR LIGHTED IN A ADVISORY CIRCULAR 150/5370-2 AND 150/5210-5 PERATING ON AIRPORT PROPERTY. THE MAXIMUM

PLACED AT THE LOCATIONS SHOWN ON THE Y AND PHASING PLAN SHEET OR AS DIRECTED BY ER. THE CONTRACTOR SHALL PLACE ALL STRUCTION SETBACK LINES ITEMS AS SHOWN ORK IN EACH PHASE. ALL COSTS TO FURNISH, AND MAINTAIN THESE ITEMS SHALL BE AL TO THE PROJECT.

LL INSPECT THE BARRICADES ONCE DURING EACH PROPER PLACEMENT AND PROPER OPERATION OF LAG PLACEMENT.

NWAY AND TAXIWAY PAVEMENTS SHALL BE NS MOUNTED ON TYPE II BARRICADES (2 EACH, DDITION TO THE STOP SIGNS, WARNING SIGNS (2) ) SHALL BE MOUNTED. WARNING SIGNS SHALL ACCESS NOT ALLOWED"

NEL, VEHICLES, EQUIPMENT AND BARRICADES D WITHIN THE TAXIWAY OBJECT FREE AREA WAYS AND THE RUNWAY SAFETY AREA (RSA) OF

ON CONSTRUCTION TION, AN EMERGENCY IS DECLARED BY THE CTOR SHALL IMMEDIATELY CLEAR THE PAVEMENT SONNEL AND EQUIPMENT.

LL KEEP ALL TRUCKS, EQUIPMENT AND E EXISTING RUNWAYS AND TAXIWAYS OUTSIDE OF XCEPT AS SHOWN OR WITH THE PRIOR SIDENT ENGINEER. SHOULD THE CONTRACTOR TO EXISTING PAVEMENTS. THIS DEBRIS SHALL BE WITH A PICK UP SWEEPER. A PICK UP SWEEPER O BE ON SITE AND OPERATE DURING ALL ATION WORKING HOURS.

ALL PROVIDE WASTE RECEPTACLES THROUGHOUT MAINTAIN SANITARY FACILITIES FOR EMPLOYEES THIN THE HANGARS/AIRPORT BUILDINGS SHALL

THE CONTRACTOR OUTSIDE OF DAYLIGHT HOURS R SUFFICIENT ARTIFICIAL AREA LIGHTING TO ONSTRUCTION METHODS AND INSPECTIONS. OF MOVEABLE POLE MOUNTED FLOODLIGHTS SUFFICIENT NUMBER TO ILLUMINATE WORK IGHTS WILL BE ALLOWED ONLY IN ADDITION TO ONED ABOVE. LIGHTING SHALL BE APPROVED BY ALL NOT BE USED IF THEY AFFECT FLIGHT

LL SUPPLY AND HAVE IN THEIR POSSESSION AT NE AIRPORT RADIO. IN THE EVENT THAT THE EDS TO CONTACT THE CONTRACTOR DIRECTLY, D RADIO SHALL BE FAMILIAR WITH AIRPORT RADIO IED INTO THE GROUND CONTROL FREQUENCY.

ROKEN ASPHALT, AND OTHER MISCELLANEOUS OSED OF OFF AIRPORT PROPERTY, UNLESS





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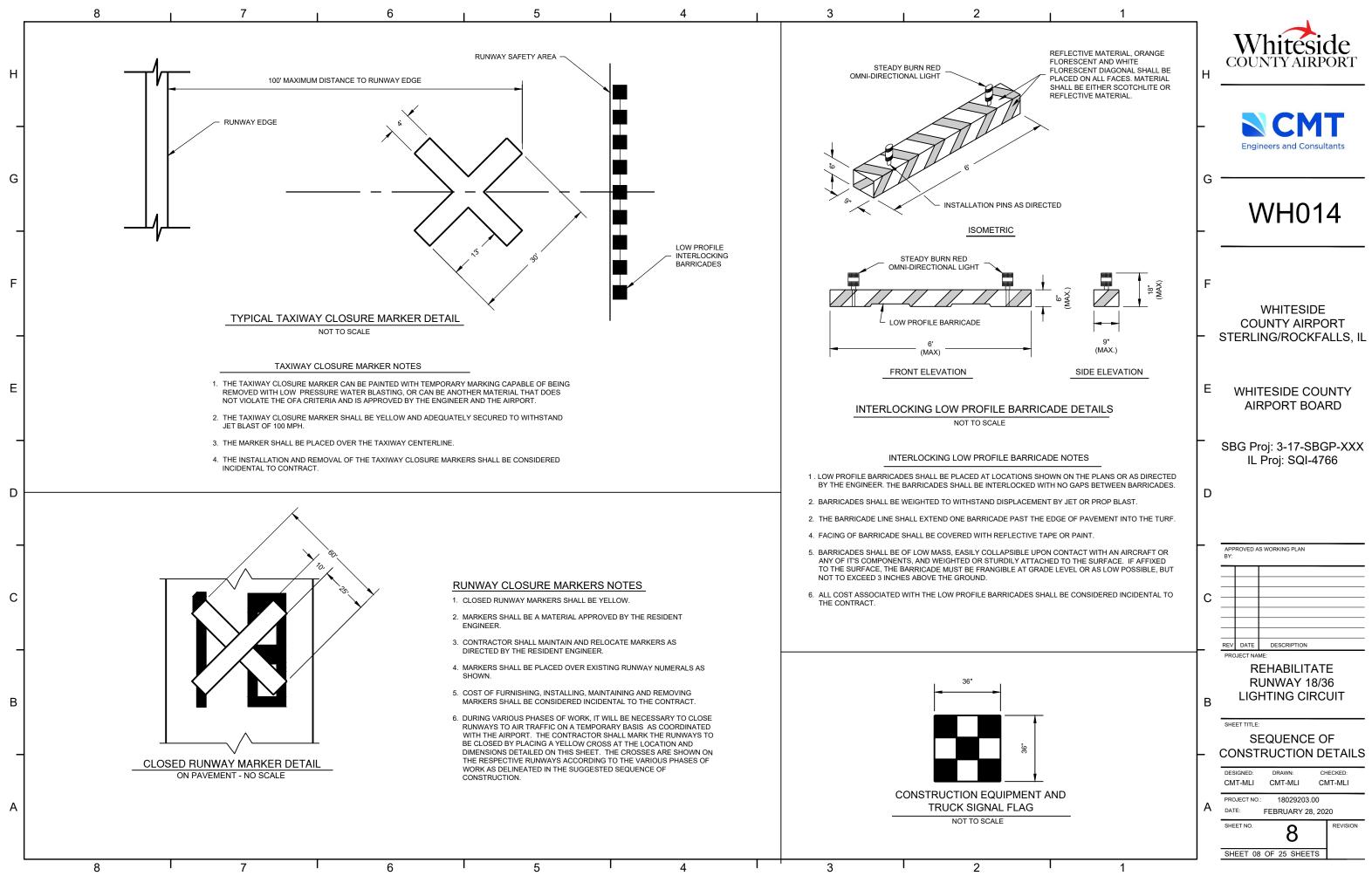
## WHITESIDE COUNTY AIRPORT STERLING/ROCKFALLS, IL

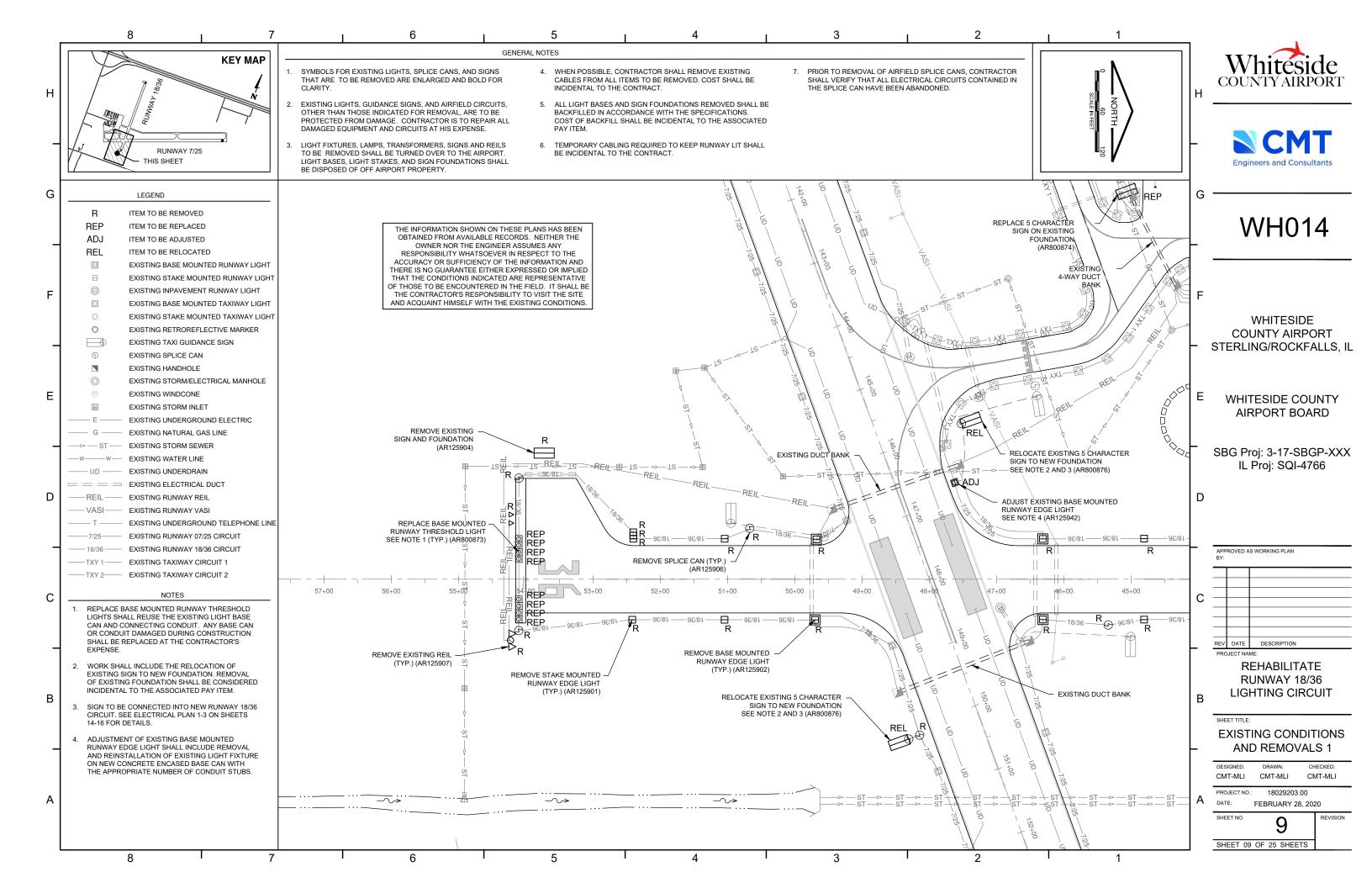
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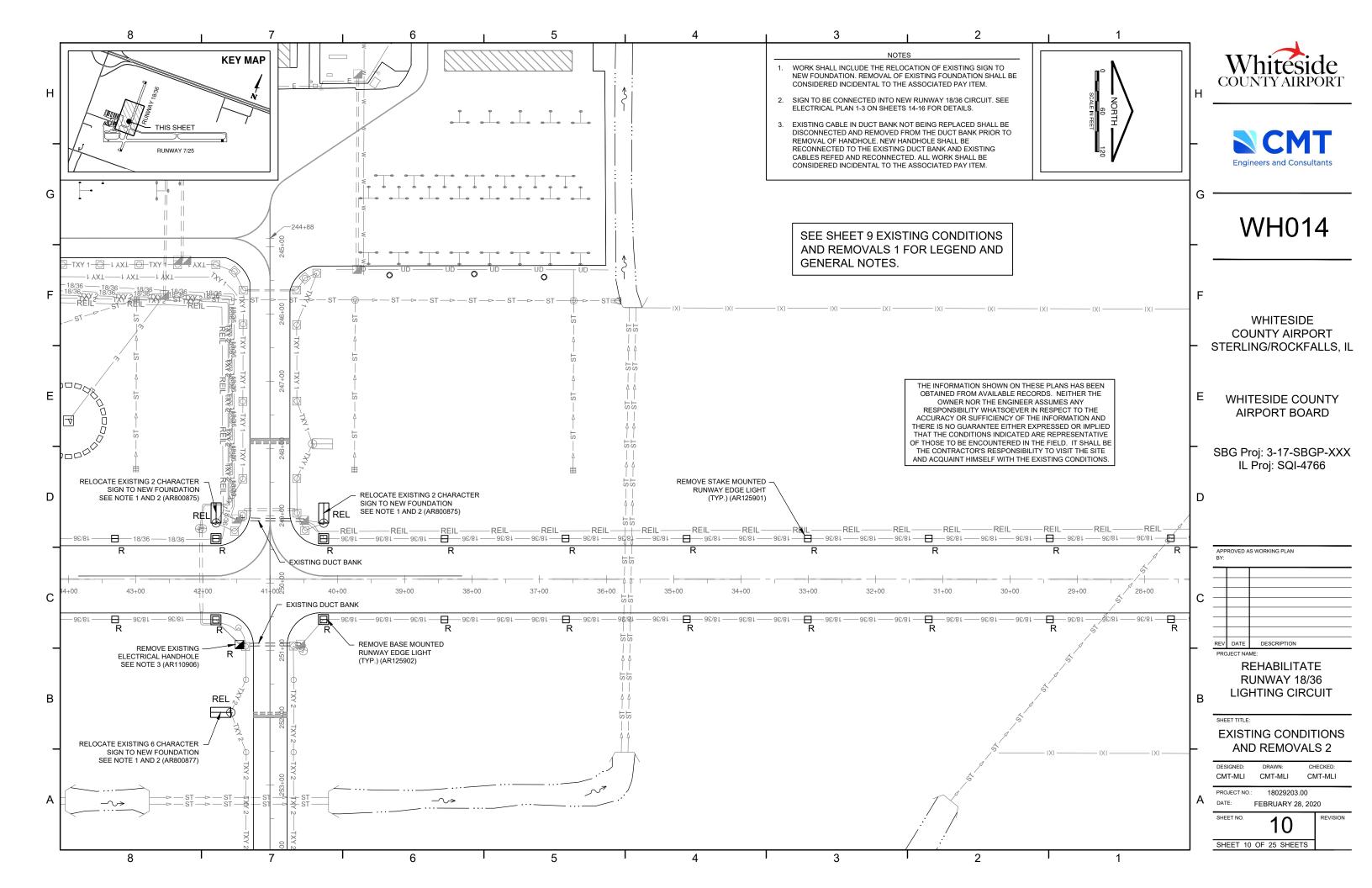
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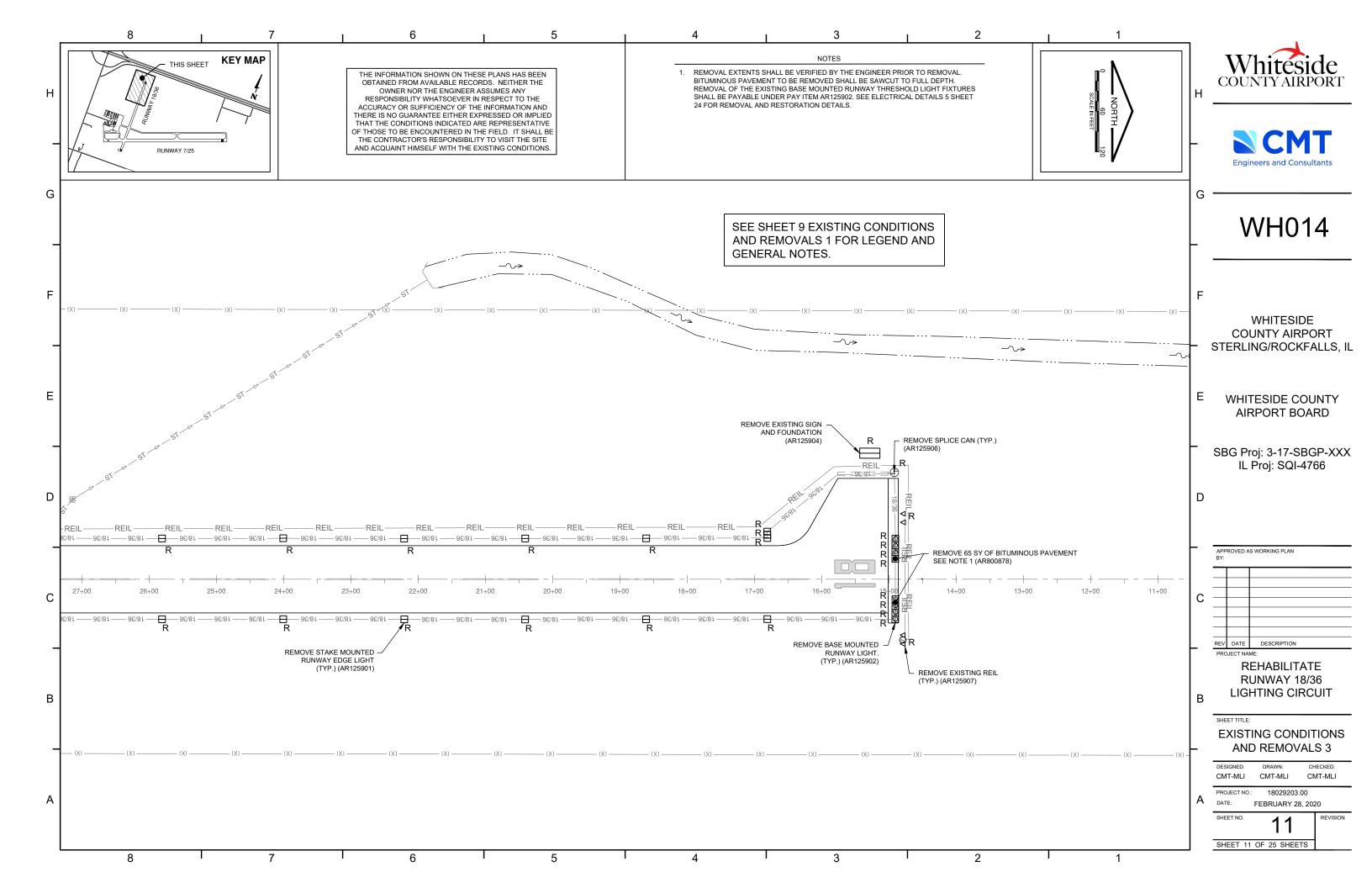
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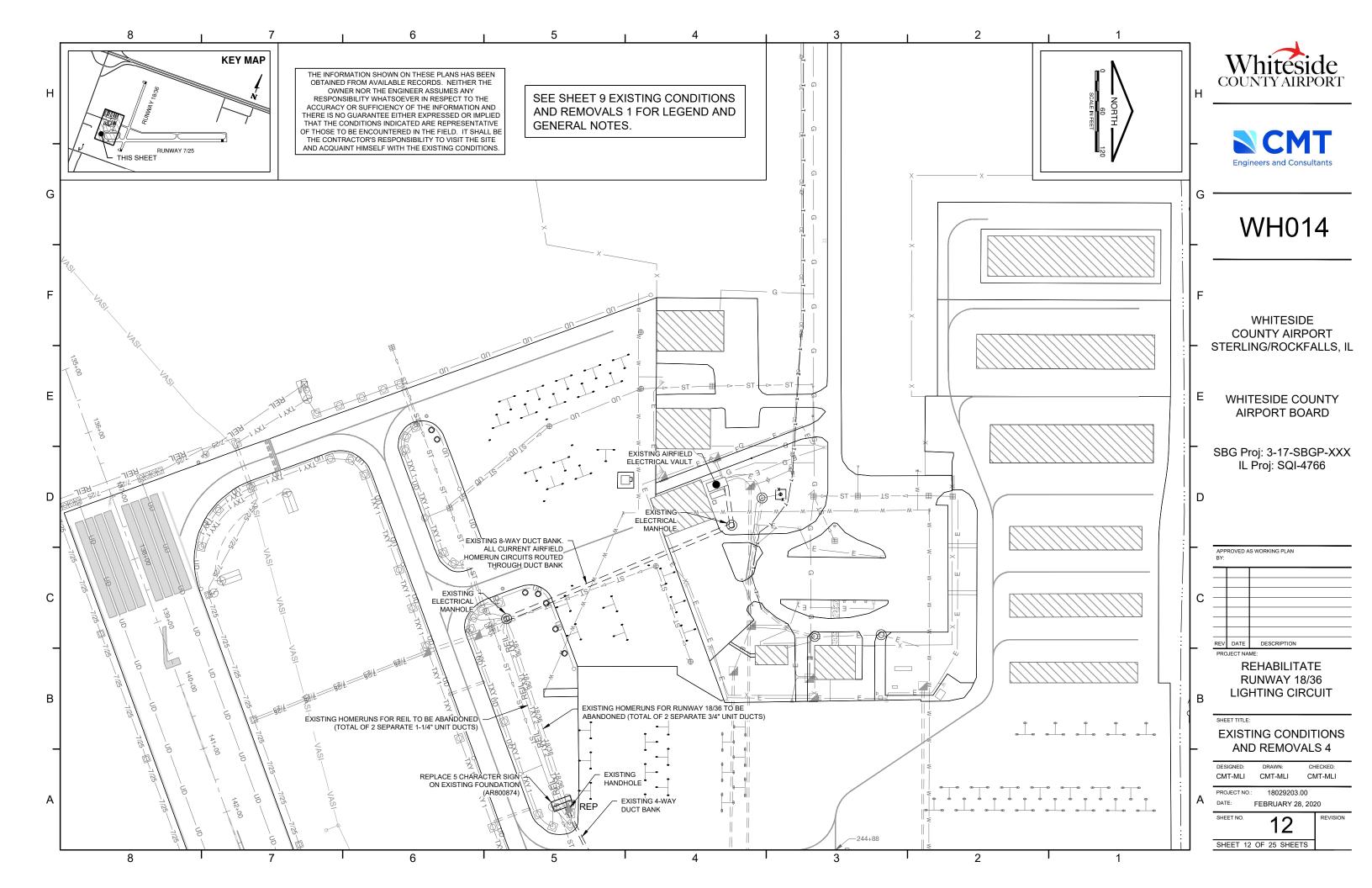
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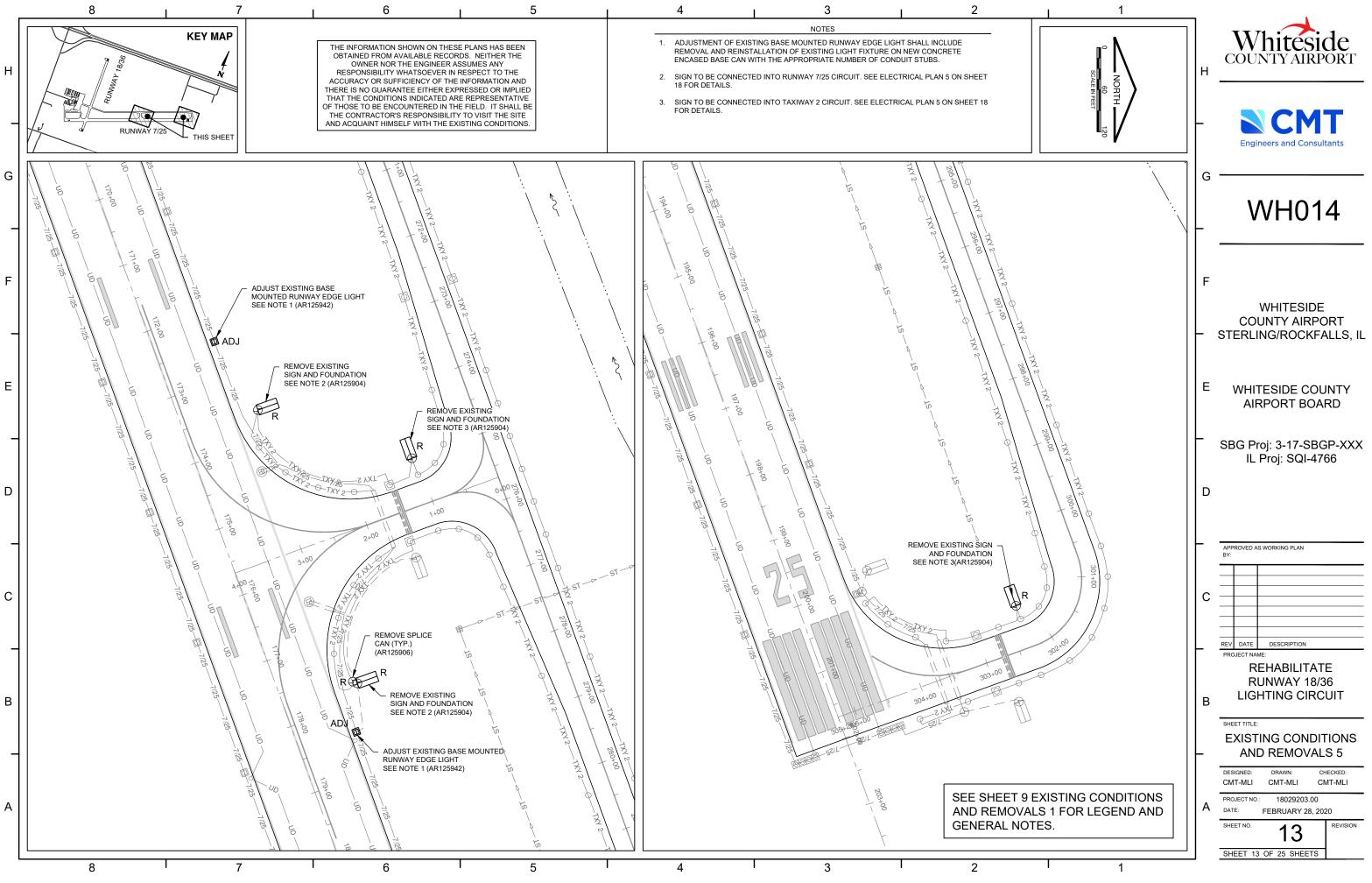


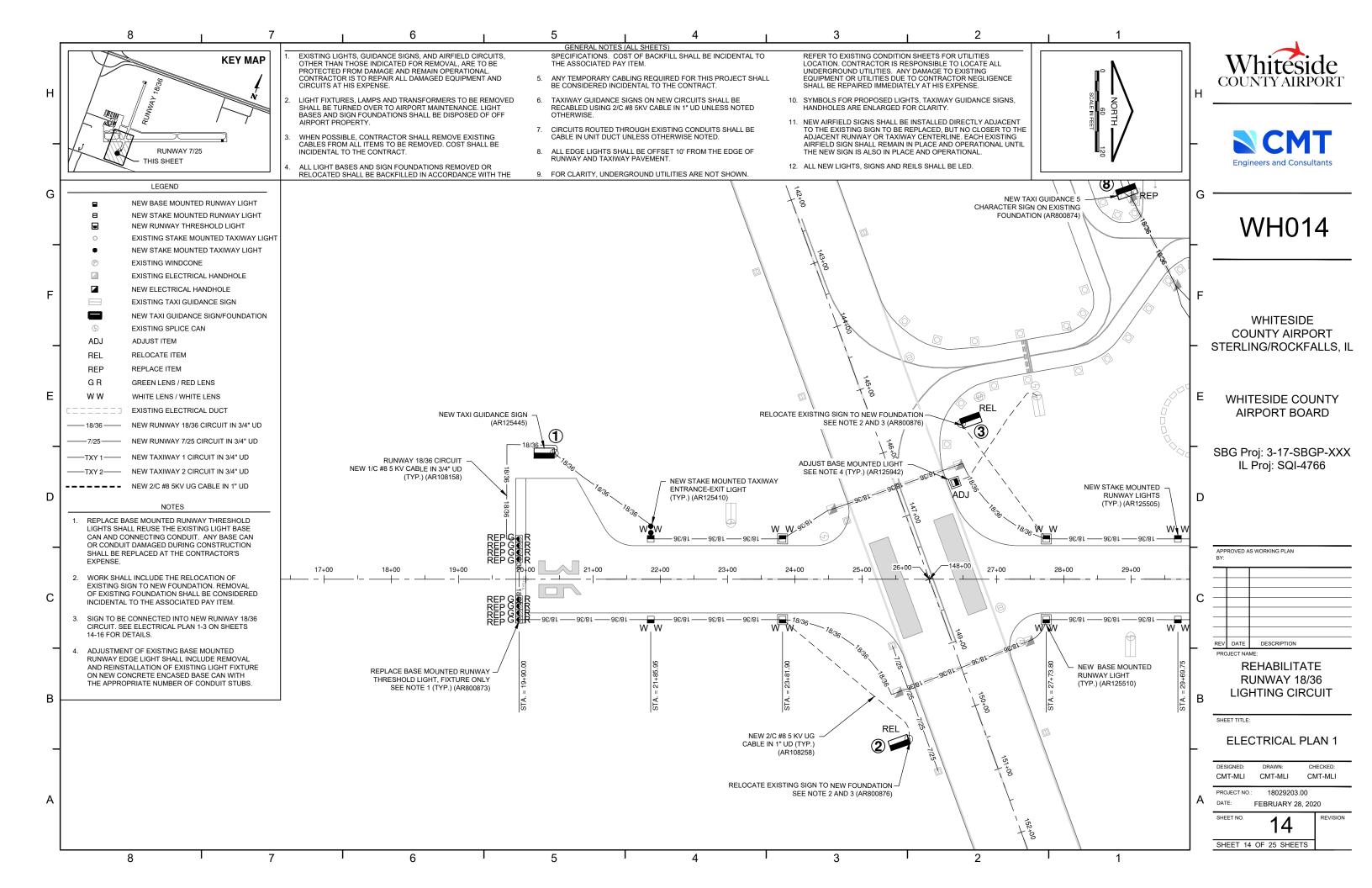


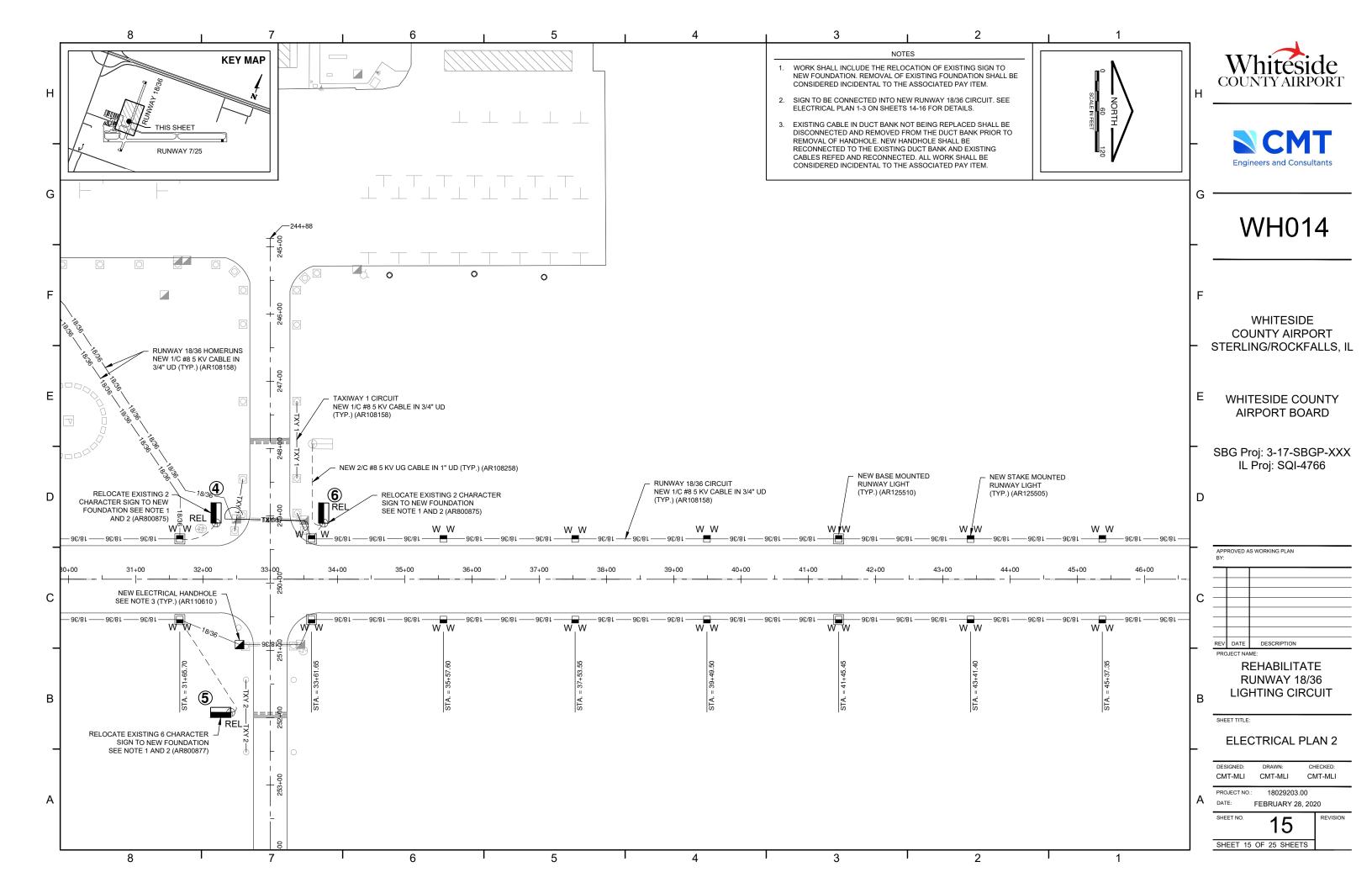


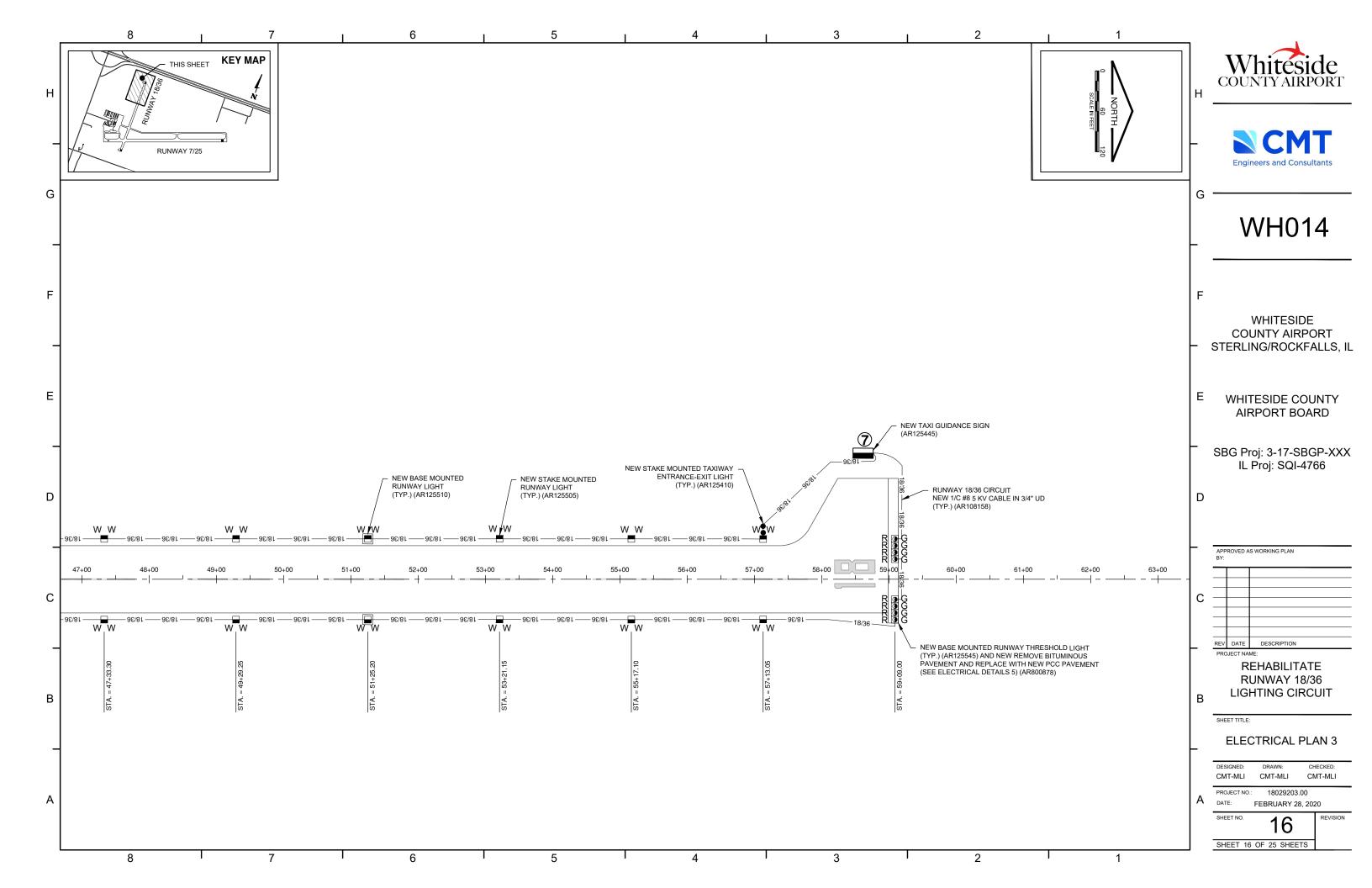


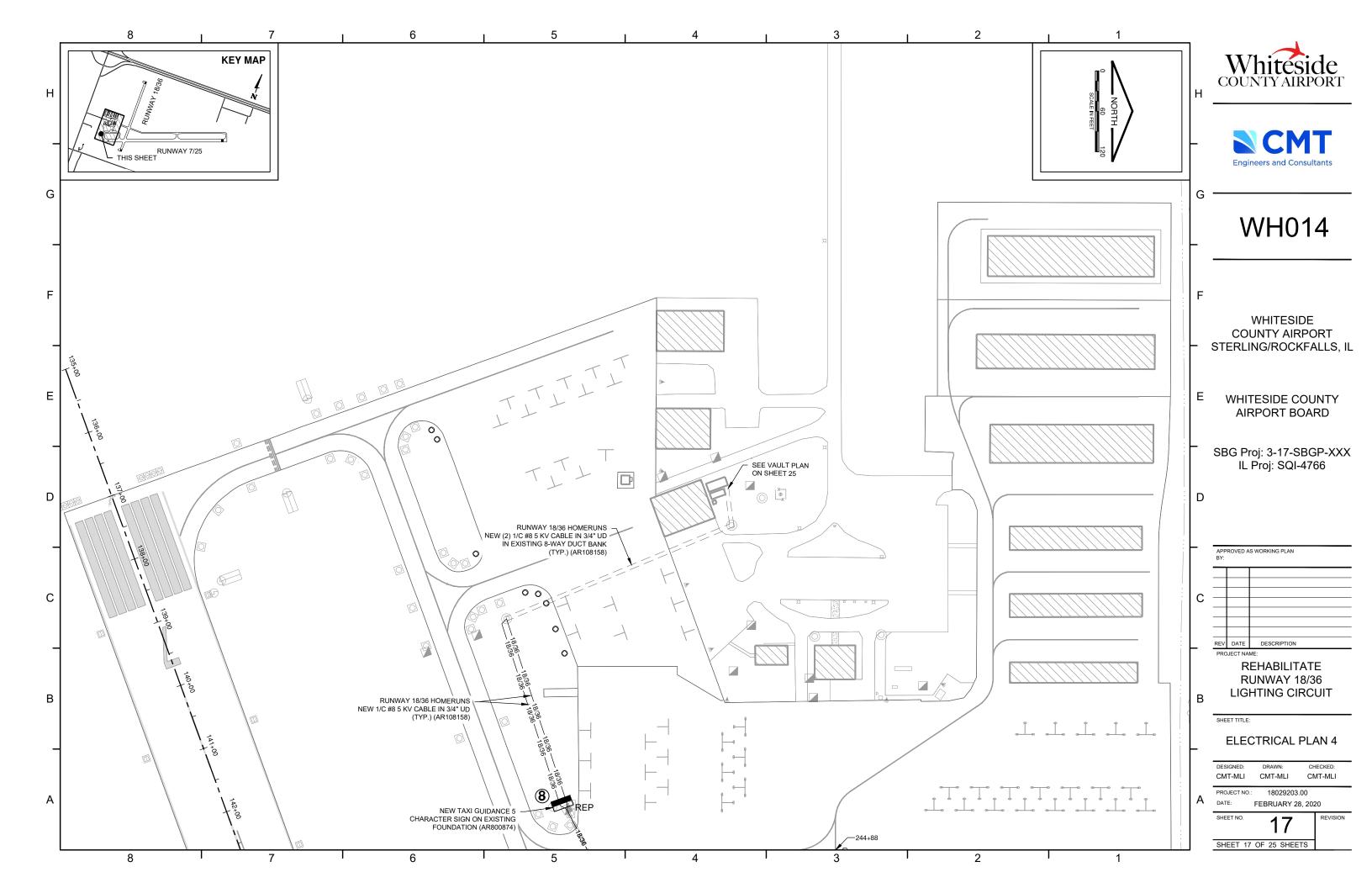


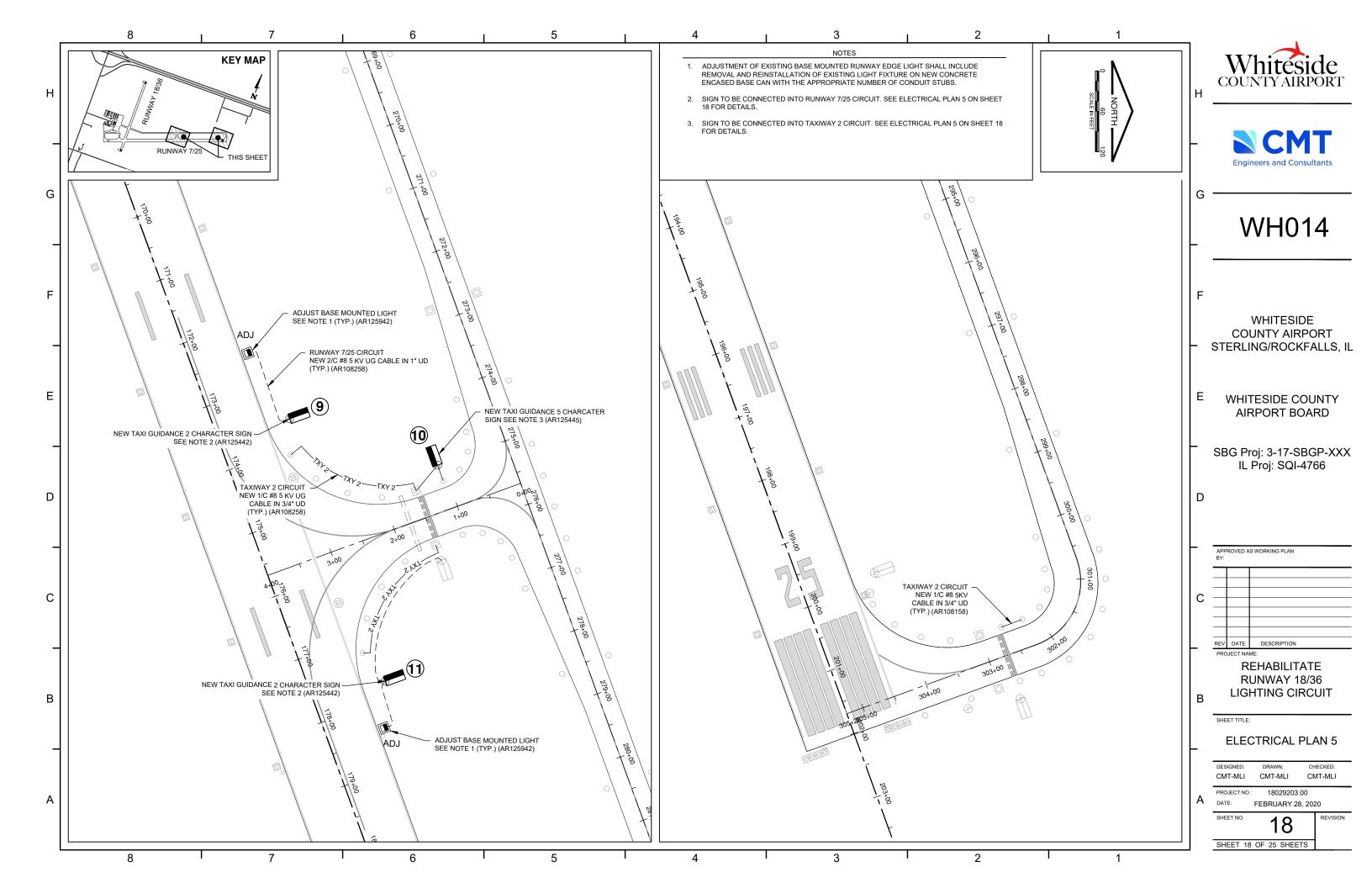


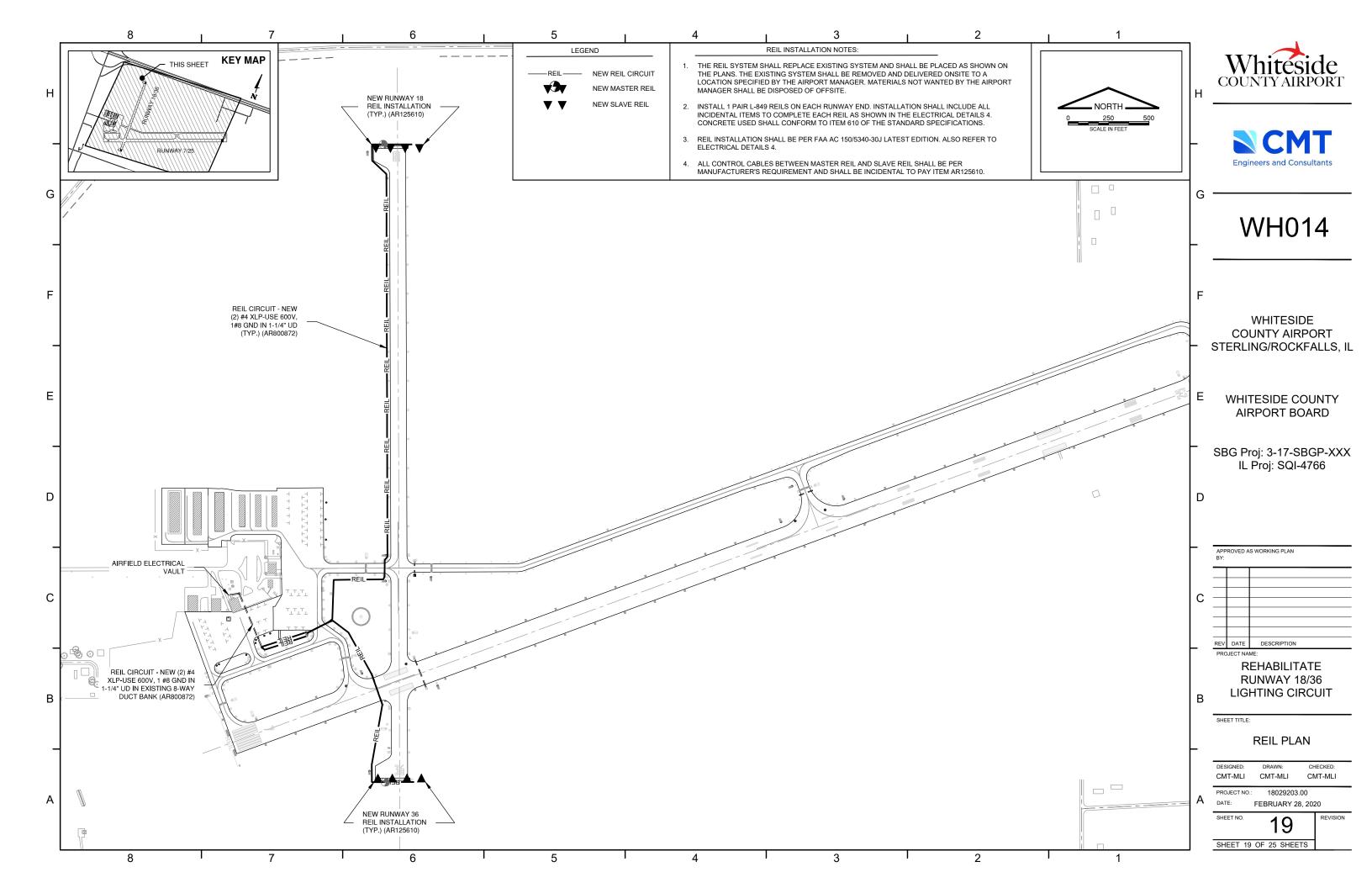


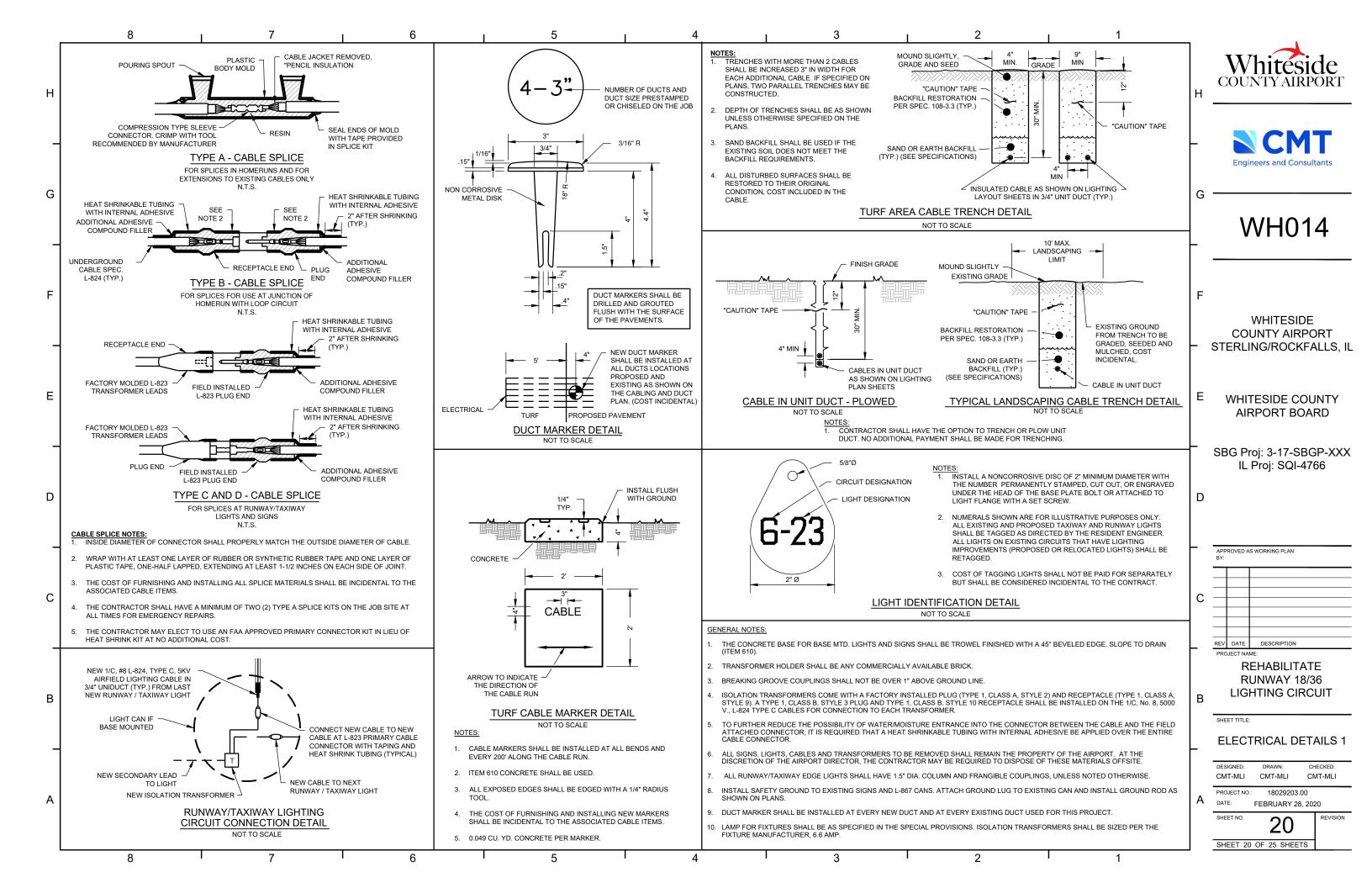


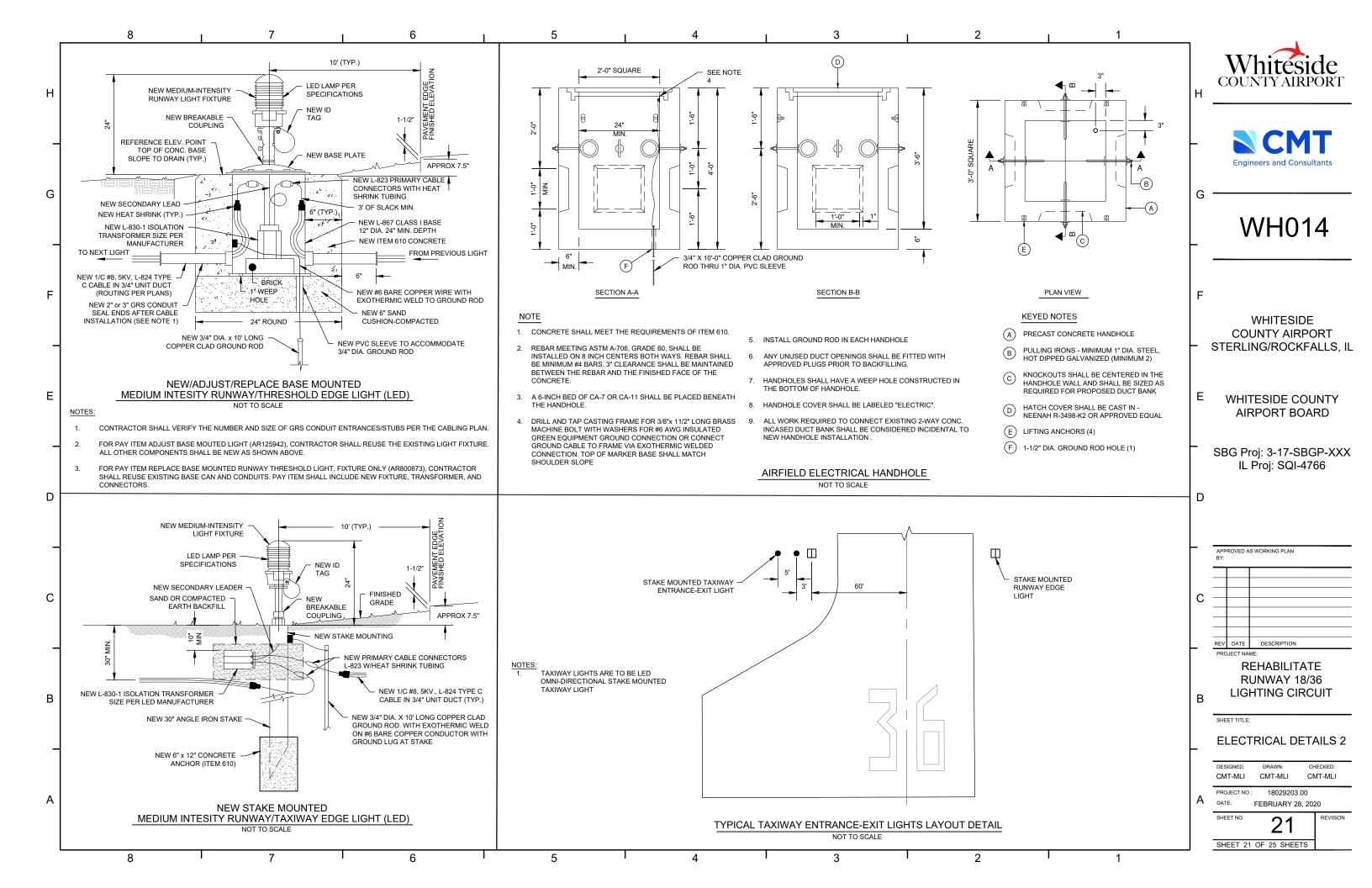


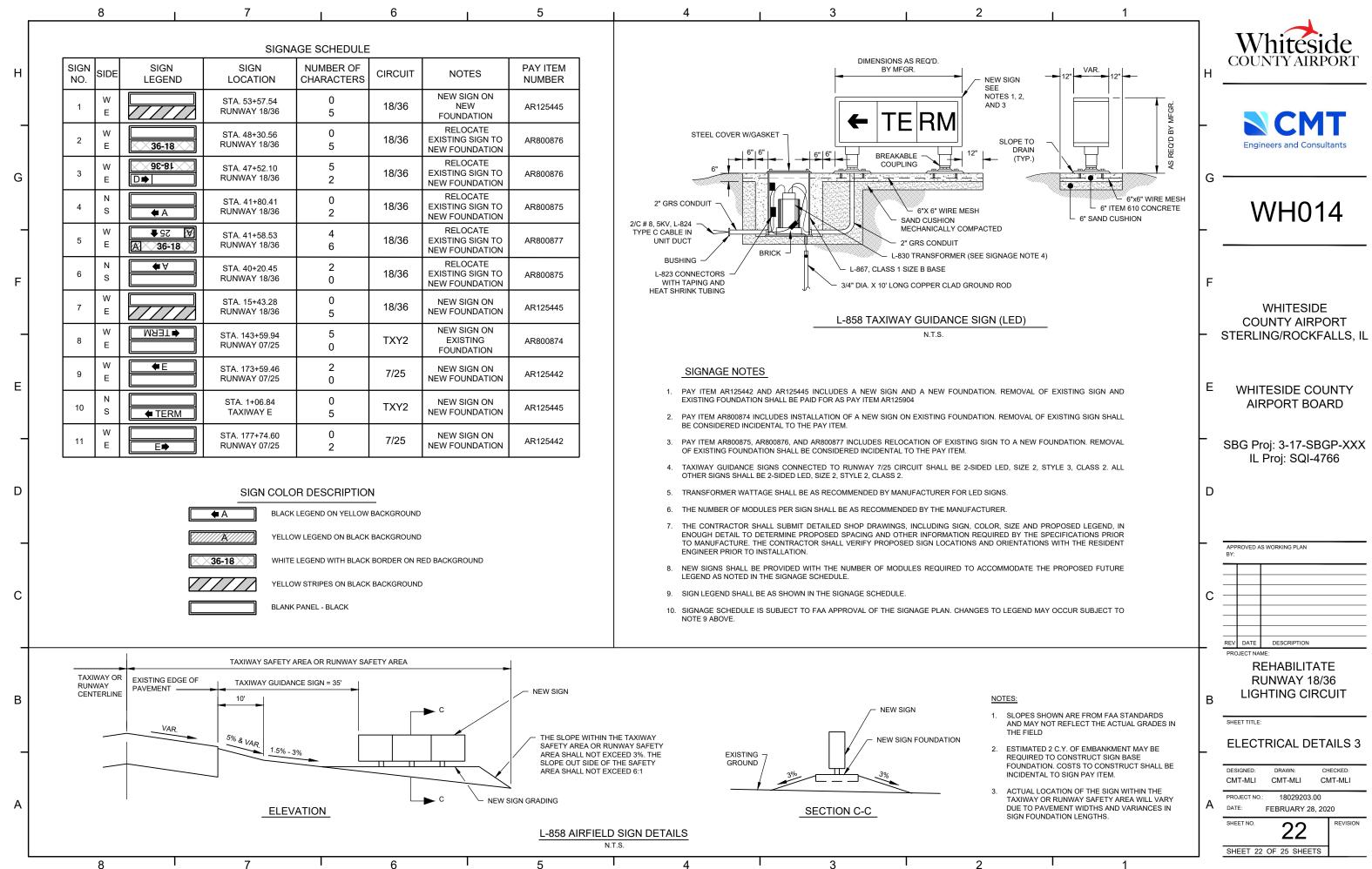


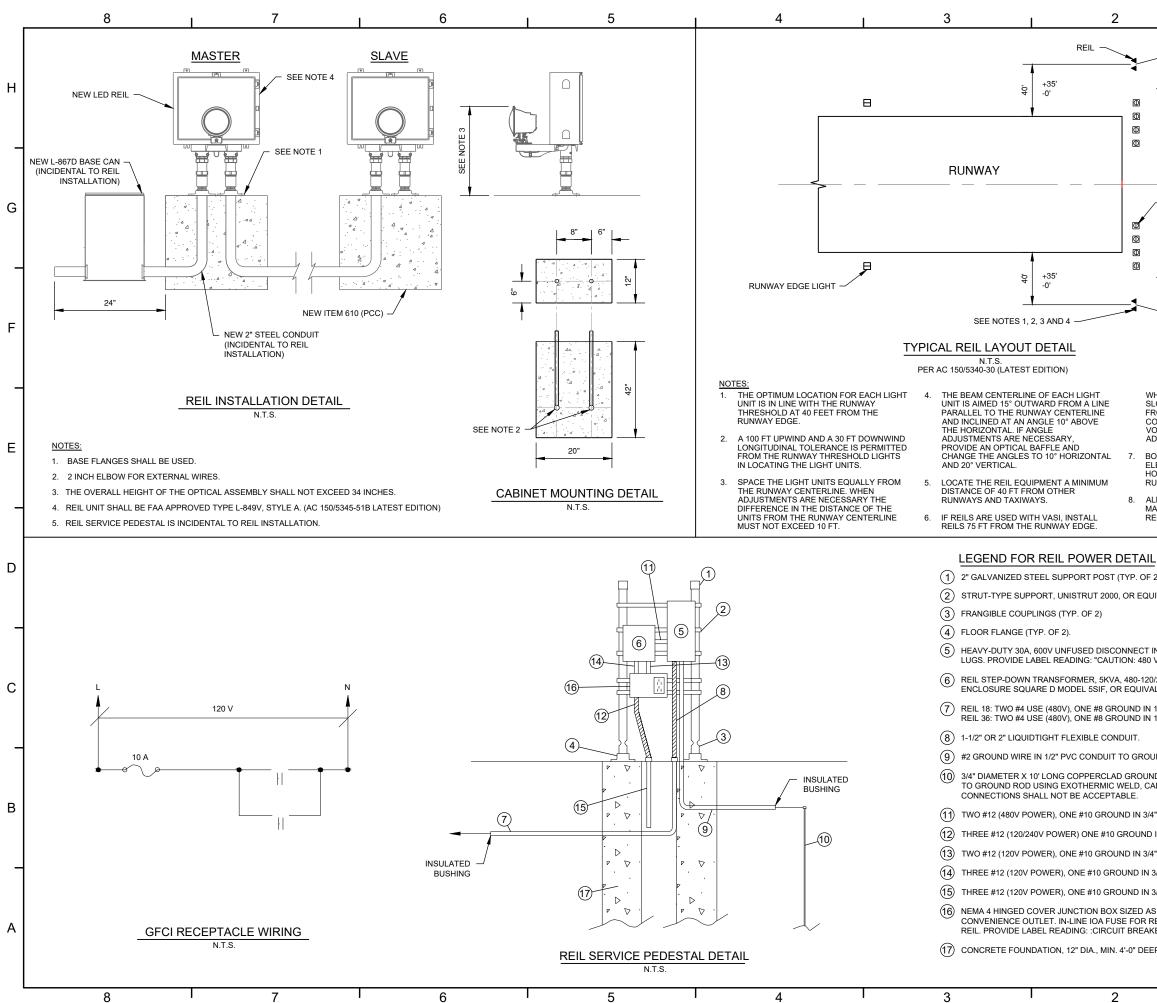




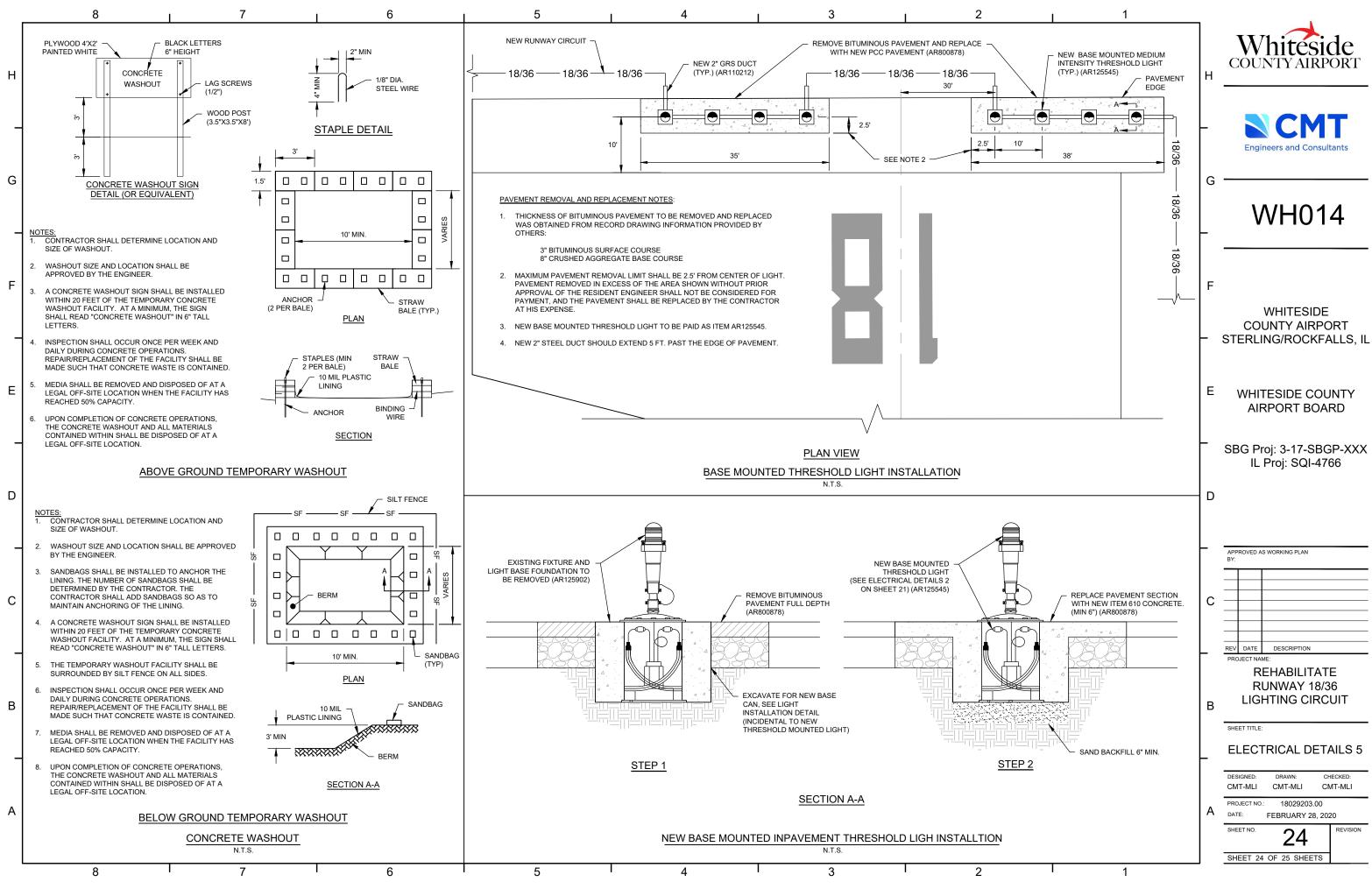


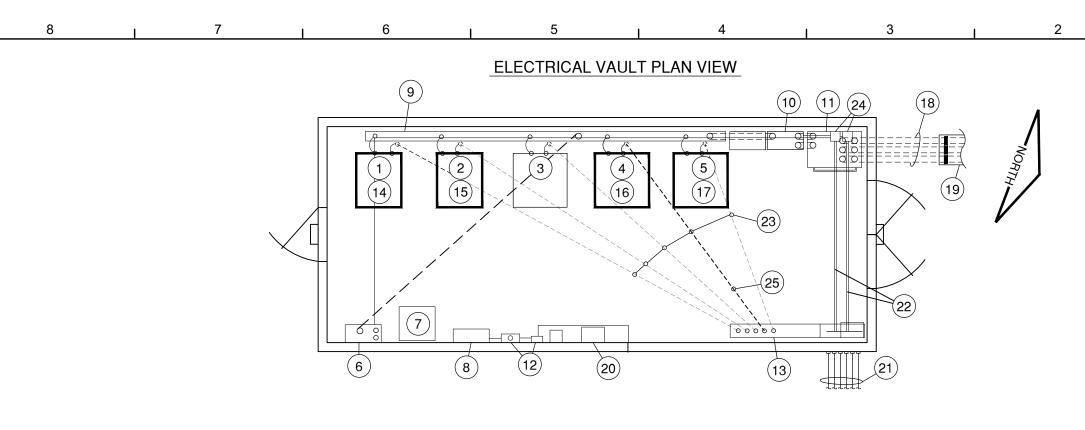






1	_	
BEAM AXIS OF LIGHT UNIT	н	Whiteside COUNTY AIRPORT
	-	Engineers and Consultants
15°'	G	WH014
BEAM AXIS OF LIGHT UNIT	F	
WHEN INSTALLED WITH OTHER GLIDE SLOPE INDICATORS, INSTALL REILS 40 FT ROM THE RUNWAY EDGE IF THERE ARE CONCERNS WITH JET BLAST AND WING (ORTICES, SEE FAA ORDER JO 6850.2 FOR	_	WHITESIDE COUNTY AIRPORT STERLING/ROCKFALLS, IL
ADDITIONAL INFORMATION. SOTH REIL UNITS MUST BE AT THE SAME ELEVATION AND WITHIN 3 FT OF THE HORIZONTAL PLANE THROUGH THE RUNWAY CENTERLINE.	E	WHITESIDE COUNTY AIRPORT BOARD
ALL CONNECTIONS BETWEEN THE MASTER AND SLAVE REIL SHALL BE AS RECOMMENDED BY THE MANUFACTURER.	-	SBG Proj: 3-17-SBGP-XXX IL Proj: SQI-4766
L 2) UIVALENT.	D	
TIN NEMA 3R ENCLOSURE. PROVIDE GROUND ) VOLTS."		APPROVED AS WORKING PLAN BY:
0/240, I-PHASE, 3-WIRE, IN WEATHERPROOF ALENT. I 1-1/4" UNIT DUCT, INSTALL IN 2" GRS CONDUIT. I 1-1/4" UNIT DUCT, INSTALL IN 2" GRS CONDUIT.	С	
UND ROD. ND ROD. MIN BURIAL: 1'-0." BOND GROUND WIRES ADWELD., OR EQUIVALENT. CLAMPED		REV DATE DESCRIPTION PROJECT NAME: REHABILITATE RUNWAY 18/36
74" GRS CONDUIT. D IN 3/4" LIQUIDTIGHT FLEXIBLE CONDUIT.	В	LIGHTING CIRCUIT
4" GRS CONDUIT. 3/4" GRS CONDUIT. 3/4" GRS CONDUIT TO REIL MASTER UNIT.	╞	ELECTRICAL DETAILS 4
IS REQUIRED TO HOUSE WEATHERPROOF GFCI RECEPTABLE AND 15A, 2P CIRCUIT BREAKER FOR KERS INSIDE." EP (TYP, OF 2)	A	PROJECT NO.:         18029203.00           DATE:         FEBRUARY 28, 2020           SHEET NO.         23
		SHEET 23 OF 25 SHEETS





- (1) EXISTING 10 KW REGULATOR (SPARE), TO BE REMOVED.
- (2) EXISTING 10KW REGULATOR FOR TAXIWAY #1,TO BE RELOCATED.
- (3) EXISTING 15KW REGULATOR FOR TAXIWAY #2.

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- (4) EXISTING 15KW REGULATOR FOR RUNWAY 18/36, TO BE RELOCATED.
- 5 EXISTING 20KW REGULATOR FOR RUNWAY 7/25, TO BE REMOVED
- 6 EXISTING HIGH VOLTAGE POWER DISTRIBUTION PANEL. 480V, 3-PHASE WITH 400A MAIN C.B. INSTALL NEW (2) 20A, 2-POLE C.B.
- (7) EXISTING 50KVA, 480V-120/240V, 1-PHASE LIGHTING TRANSFORMER.
- (8) EXISTING LOW VOLTAGE LIGHTING PANEL, 120/240V, 1-PHASE WITH 225A MAIN C.B..
- (9) EXISTING 8" X 8" LOW VOLTAGE WIREWAY.
- (10) EXISTING RELAY PANEL FOR L-821 PANEL CONTROLS.
- (11) EXISTING LOW VOLTAGE CABLE PULL BOX.
- (12) EXISTING LIGHTING CONTACTOR AND DIGITAL TIMER FOR EXISTING ENTRANCE ROAD LIGHTING.

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(13) EXISTING 8" X 8" HIGH VOLTAGE WIREWAY.

# EXISTING VAULT NOMENCLATURE

- (14) RELOCATED 10KW, 3 STEP, 480V REGULATOR FROM EXISTING TAXIWAY #1 REGULATOR TO BE USED AS SPARE. (SEE NOTE 1)
- (15) RELOCATED 15KW, 3-STEP, 480V REGULATOR FROM EXISTING RUNWAY 18/36 REGULATOR. (SEE NOTE 2)
- (16) NEW 15KW, 3-STEP, 480V REGULATOR FOR RUNWAY 18/36 CIRCUIT. (SEE NOTE 3)
- 17 NEW 20KW, 5-STEP, 480V REGULATOR FOR RUNWAY 7/25 CIRCUIT. (SEE NOTE 4)
- (18) EXISTING 6-4" GRS CONDUITS TO LOW VOLTAGE MANHOLE. (SEE NOTE 5)
- (19) EXISTING 6-WAY CONCRETE ENCASED DUCT BANK TO LOW VOLTAGE MANHOLE.
- (20) EXISTING APRON LIGHTING CONTROL CABINET.
- (21) EXIST 8-2" CONDUITS TO HIGH VOLTAGE MANHOLE.
- EXISTING (2) #4 AWG 5KV, (1) #8 AWG 5KV IN 3/4" UD REIL CABLES IN GRS
- (23) EXIST 2-1/C #8 5KV, L-824 TYPE C IN EXISTING CONDUITS.
- (24) EXISTING (2) 20A, 480V, 2-POLE CONTACTORS IN NEMA 1 ENCLOSURES WITH HAND-OFF-AUTO SELECTOR SWITCHES FOR RUNWAY 18 REIL AND RUNWAY 36 REIL CIRCUITS. (SEE NOTE 5)
- (25) NEW (2) 1/C #8 5KV UG CABLE IN 3/4" UD FOR RUNWAY 18/36 HOMERUNS.

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### NOTES:

- 1. REMOVE EXISTING PRIMARY #10 THWN, (1) #12 GND. IN EX POWER DISTRIBUTION PANE BREAKER WITH NEW 30A, 2-I CONTROL AND AIRFIELD LIG
- 2. REMOVE EXISTING PRIMARY THWN, (1) #10 GND. IN EXIST DISTRIBUTION PANEL. REPLA BREAKER WITH NEW 40A, 2-I EXISTING CONTROL WIRES A
- 3. REMOVE EXISTING PRIMARY THWN, (1) #10 GND. IN EXIST DISTRIBUTION PANEL. REPL BREAKER WITH NEW 40A, 2-I CONTROL WIRES AND AIRFIE
- REMOVE EXISTING PRIMARY THWN, (1) #10 GND. IN EXIST DISTRIBUTION PANEL. REPL. BREAKER WITH NEW 50A, 2-EXISTING CONTROL WIRES
- 5. INSTALL NEW REIL 18 AND R LOW VOLTAGE DUCT BANK A LIGHTING CONTACTORS.
- 6. ALL REQUIRED VAULT MODI INCIDENTAL TO THE ASSOCI

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	н	Whiteside COUNTY AIRPORT
	-	Engineers and Consultants
	G -	WH014
	F	WHITESIDE COUNTY AIRPORT STERLING/ROCKFALLS, IL
	E	WHITESIDE COUNTY AIRPORT BOARD
Y FEED AND INSTALL NEW (2) EXISTING CONDUIT TO 480V EL. REPLACE EXISTING CIRCUIT POLE C.B. RE-CONNECT GHTING CABLES.	D	SBG Proj: 3-17-SBGP-XXX IL Proj: SQI-4766
Y FEED AND INSTALL NEW (2) #8 TING CONDUIT TO 480V POWER ACE EXISTING CIRCUIT POLE C.B. RE-CONNECT AND AIRFIELD LIGHTING CABLES. Y FEED AND INSTALL NEW (2) #8	_ c	APPROVED AS WORKING PLAN BY:
TING CONDUIT TO 480V POWER LACE EXISTING CIRCUIT POLE C.B. CONNECT NEW IELD LIGHTING CABLES.	_	REV DATE DESCRIPTION PROJECT NAME: REHABILITATE RUNWAY 18/36
Y FEED AND INSTALL NEW (2) #8 TING CONDUIT TO 480V POWER ACE EXISTING CIRCUIT POLE C.B. RE-CONNECT AND AIRFIELD LIGHTING CABLES.	В	
REIL 36 CIRCUITS IN EXISTING AND CONNECT TO EXISTING	_ 	DESIGNED: DRAWN: CHECKED: CMT-MLI CMT-MLI CMT-MLI PROJECT NO.: 18029203.00
IFICATIONS SHALL BE HATED PAY ITEM.		DATE:     FEBRUARY 28, 2020       SHEET NO.     25       SHEET 25 OF 25 SHEETS
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