01A

# LAKE IN THE HILLS AIRPORT LAKE IN THE HILLS, ILLINOIS

LK015 **TOTAL SHEETS:** 23



06-10-2022



COMMON GROUND ALLIANCE www.call811.com or Phone: 811

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 THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL 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 ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAIL FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT

RANGE: 8 EAST SECTION: 17

COUNTY: MCHENRY TOWNSHIP: ALGONOUIN

## Illinois Professional Engineering Practice Act of 1989



SUBMITTED BY

TRAVIS A. STRAIT, P.E.

**CMT DESIGN NUMBER: 21025502.00** 

06-10-2022 License Expires 11/30/2023

**CONSTRUCTION PLANS FOR** LAKE IN THE HILLS AIRPORT

REHABILITATE RUNWAY 8/26 ELECTRICAL

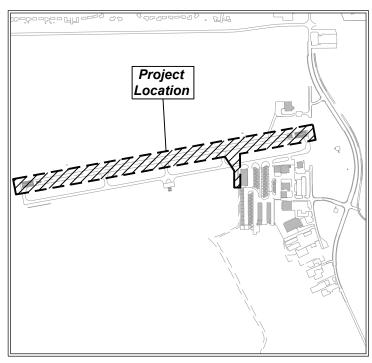
FINAL SUBMITTAL

**ILLINOIS PROJECT: 3CK-4874** SBG PROJECT: 3-17-SBGP-TBD

**JUNE 10, 2022** (AUGUST 5, 2022 LETTING)



**LOCATION MAP** 



SITE PLAN

## **DESIGN INFORMATION**

### **RUNWAY 8/26**

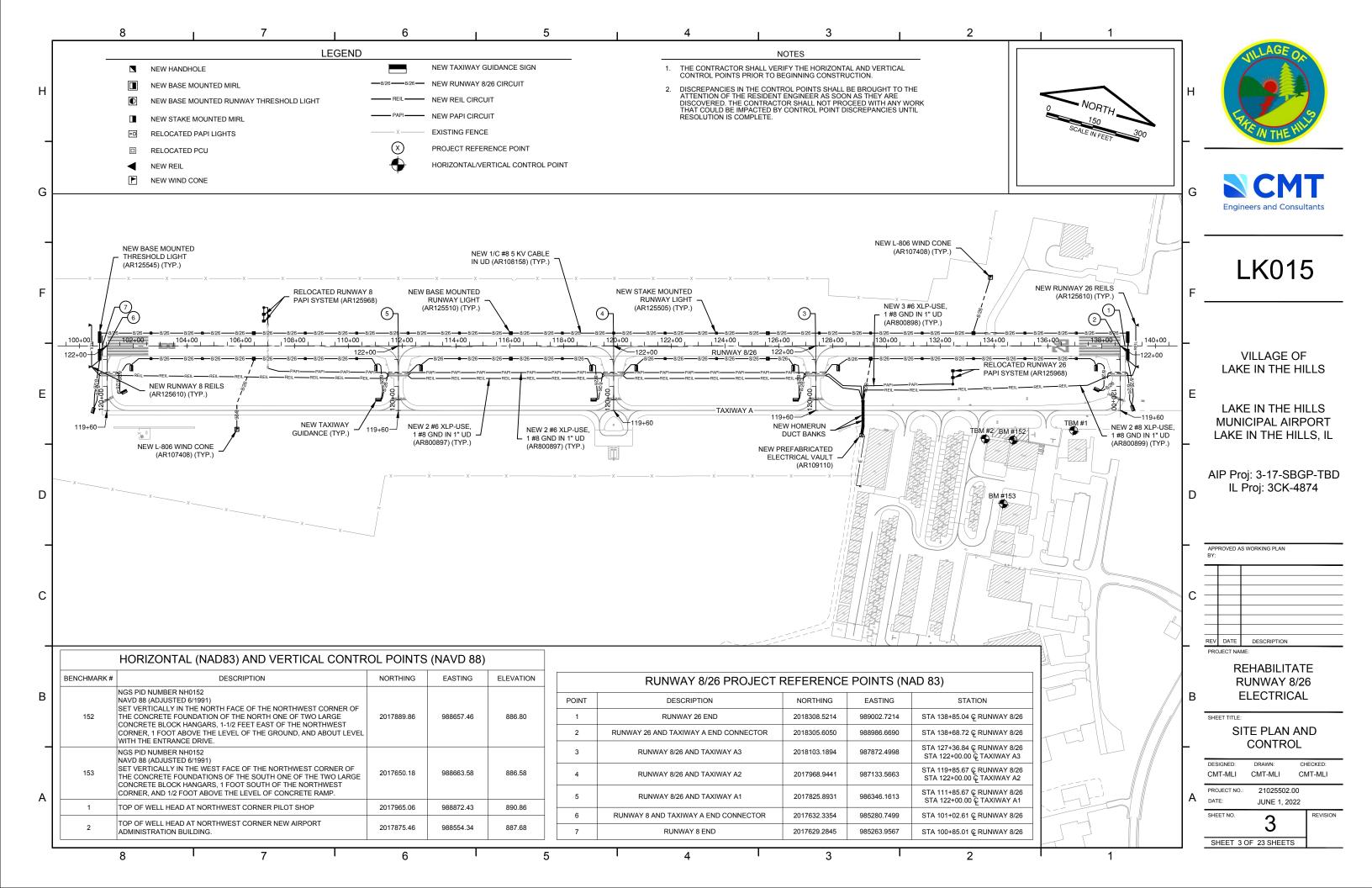
AIRCRAFT DESIGN GROUP II **DESIGN APPROACH CATEGORY B** RUNWAY SAFETY AREA WIDTH = 150'

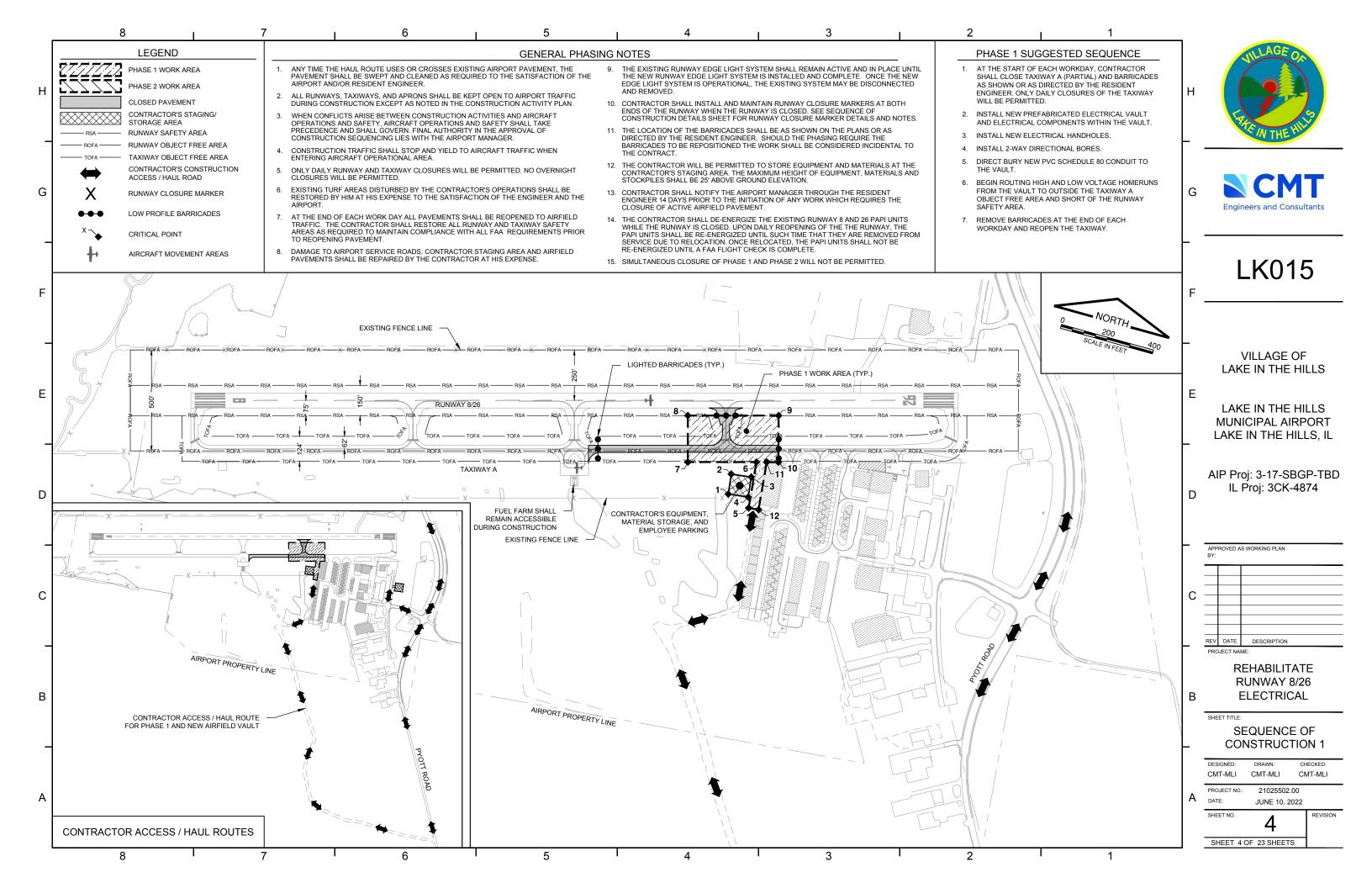
MAXIMUM EQUIPMENT HEIGHT - 25' UNICOM FREQUENCY - 123.05

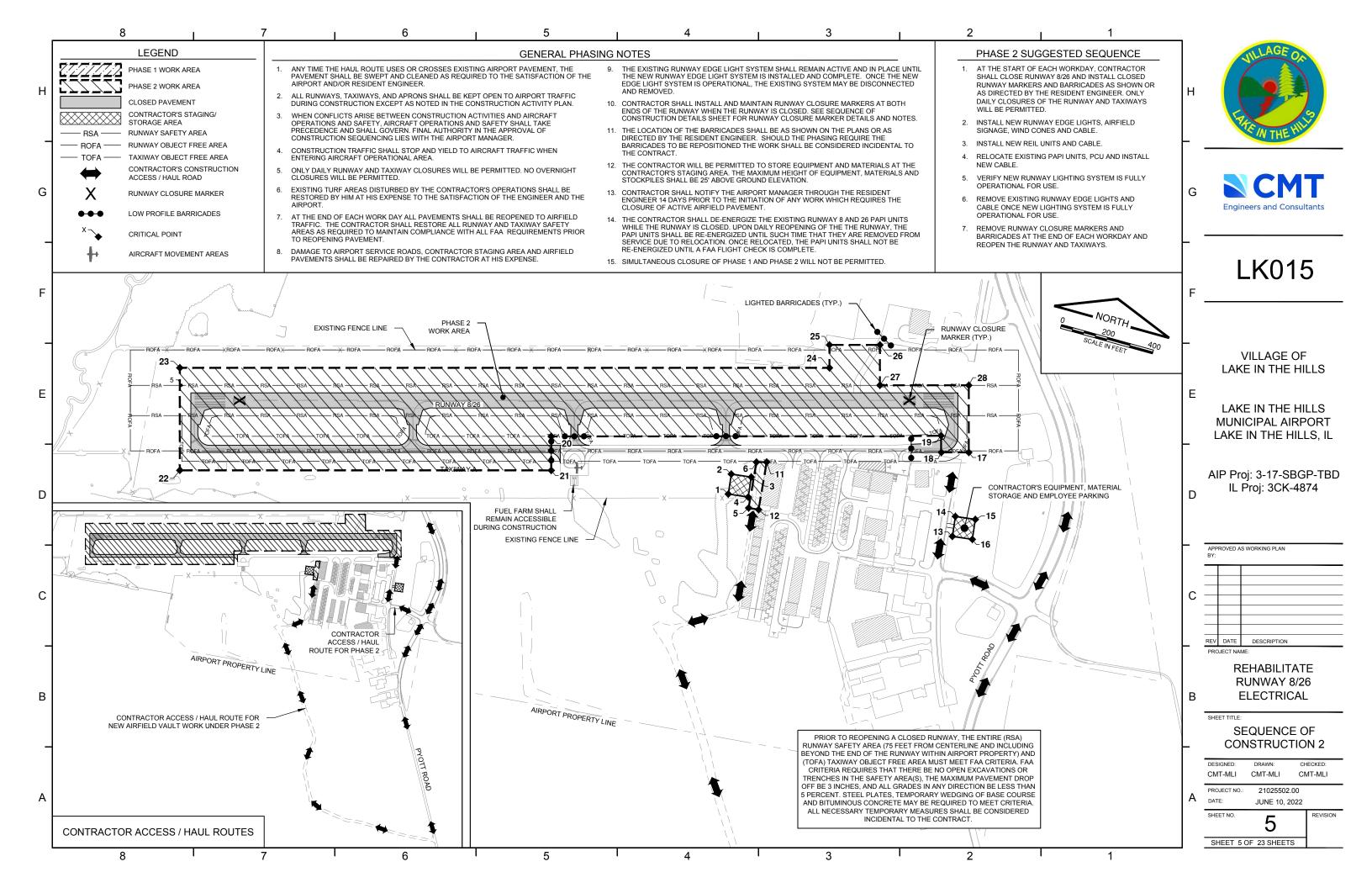
## **INDEX TO SHEETS**

- COVER AND INDEX TO SHEETS
- SUMMARY OF QUANTITIES
- 3 SITE PLAN AND CONTROL
- SEQUENCE OF CONSTRUCTION 1
- **SEQUENCE OF CONSTRUCTION 2**
- SEQUENCE OF CONSTRUCTION NOTES
- SEQUENCE OF CONSTRUCTION DETAILS
- **EXISTING CONDITIONS AND REMOVALS 1**
- **EXISTING CONDITIONS AND REMOVALS 2**
- **EXISTING CONDITIONS AND REMOVALS 3**
- 11 ELECTRICAL PLAN 1
- 12 ELECTRICAL PLAN 2
- 13 ELECTRICAL PLAN 3
- 14 ELECTRICAL DETAILS 1
- 15 ELECTRICAL DETAILS 2
- 16 ELECTRICAL DETAILS 3
- 17 ELECTRICAL DETAILS 4
- 18 ELECTRICAL DETAILS 5
- 19 ELECTRICAL DETAILS 6 20 ELECTRICAL DETAILS 7
- 21 VAULT PLAN AND DETAILS 1
- 22 VAULT PLAN AND DETAILS 2
- 23 L-821 PANEL LAYOUT

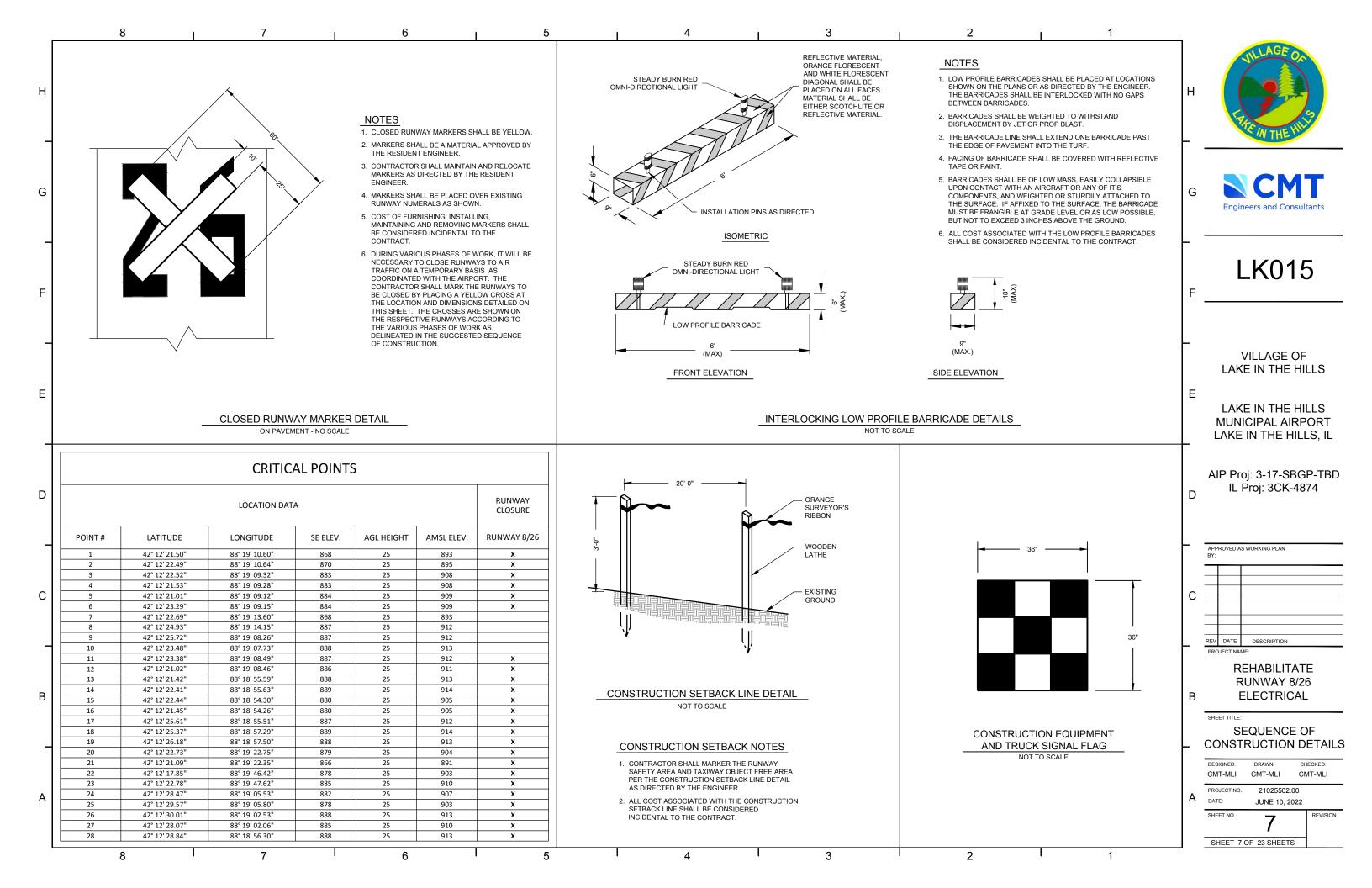
SUMMARY OF QUANTITIES				Н
ITEM NO. DESCRIPTION	UNIT	ESTIMATED QUANTITY		PAR W THE HI
AR107408 L-806 WIND CONE - 8' LIGHTED	EACH	2.00		
AR108158 1/C #8 5 KV UG CABLE IN UD	FOOT	9,800.00		
AR108258 2/C #8 5 KV UG CABLE IN UD	FOOT	800.00		G CM
AR108706 1/C #6 COUNTERPOISE	FOOT	9,850.00		Engineers and Consul
AR109110 ERECT PREFABRICATED VAULT	LSUM	1.00		
AR109321 10 KW REGULATOR, STYLE 1	EACH	2.00		1.140.41
AR109400 POWER DISTRIBUTION SYSTEM	LSUM	1.00		LK015
AR109610 L-854 PCAL SYSTEM	LSUM	1.00		F
AR110012 2" DIRECTIONAL BORE	FOOT	405.00		
AR110013 3" DIRECTIONAL BORE	FOOT	340.00		_
AR115615 ELECTRICAL HANDHOLE, HIGH VOLTAGE	EACH	1.00		VILLAGE OF
AR115620 ELECTRICAL HANDHOLE, LOW VOLTAGE	EACH	1.00		LAKE IN THE HI
AR125442 TAXI GUIDANCE SIGN, 2 CHARACTER	EACH	4.00		E LAKE IN THE HI
AR125443 TAXI GUIDANCE SIGN, 3 CHARACTER	EACH	8.00		MUNICIPAL AIRF
AR125446 TAXI GUIDANCE SIGN, 6 CHARACTER	EACH	3.00		LAKE IN THE HIL
AR125505 MIRL, STAKE MOUNTED	EACH	27.00		AUD D 0 47 0D C
AR125510 MIRL, BASE MOUNTED	EACH	8.00		AIP Proj: 3-17-SBG IL Proj: 3CK-48
AR125545 MI THRESHOLD LIGHT BASE MTD	EACH	16.00		D 12 1 10j. 0010 40
AR125610 REILS	PAIR	2.00		
AR125901 REMOVE STAKE MOUNTED LIGHT	EACH	48.00		APPROVED AS WORKING PLAN
AR125906 REMOVE SPLICE CAN	EACH	10.00		B1.
AR125912 REMOVE RETROREFLECTIVE MARKER	EACH	16.00		C -
AR125968 RELOCATE PAPI, 2 BOX SYSTEM	EACH	2.00		
AR150510 ENGINEER'S FIELD OFFICE	LSUM	1.00		
AR150520 MOBILIZATION	LSUM	1.00		REV DATE DESCRIPTION PROJECT NAME:
AR800893 2-WAY 2" DIRECTIONAL BORE	FOOT	65.00		REHABILITAT
AR800894 3-WAY 3" DIRECTIONAL BORE	FOOT	65.00		RUNWAY 8/20 B ELECTRICAL
AR800895 2-WAY 2" PVC SCHEDULE 80 CONDUIT, DIRECT BURIED	FOOT	60.00		SHEET TITLE:
AR800896 3-WAY 3" PVC SCHEDULE 80 CONDUIT, DIRECT BURIED	FOOT	60.00		SUMMARY O
AR800897 2 #6 XLP-USE, 1 #8 GND IN 1" UD	FOOT	5,870.00		_ QUANTITIES
AR800898 3 #6 XLP-USE, 1 #8 GND IN 1" UD	FOOT	540.00		DESIGNED: DRAWN: CH
AR800899 2 #8 XLP-USE, 1 #8 GND IN 1" UD	FOOT	1,260.00		A PROJECT NO.: 21025502.00  A DATE: JUNE 10, 2022

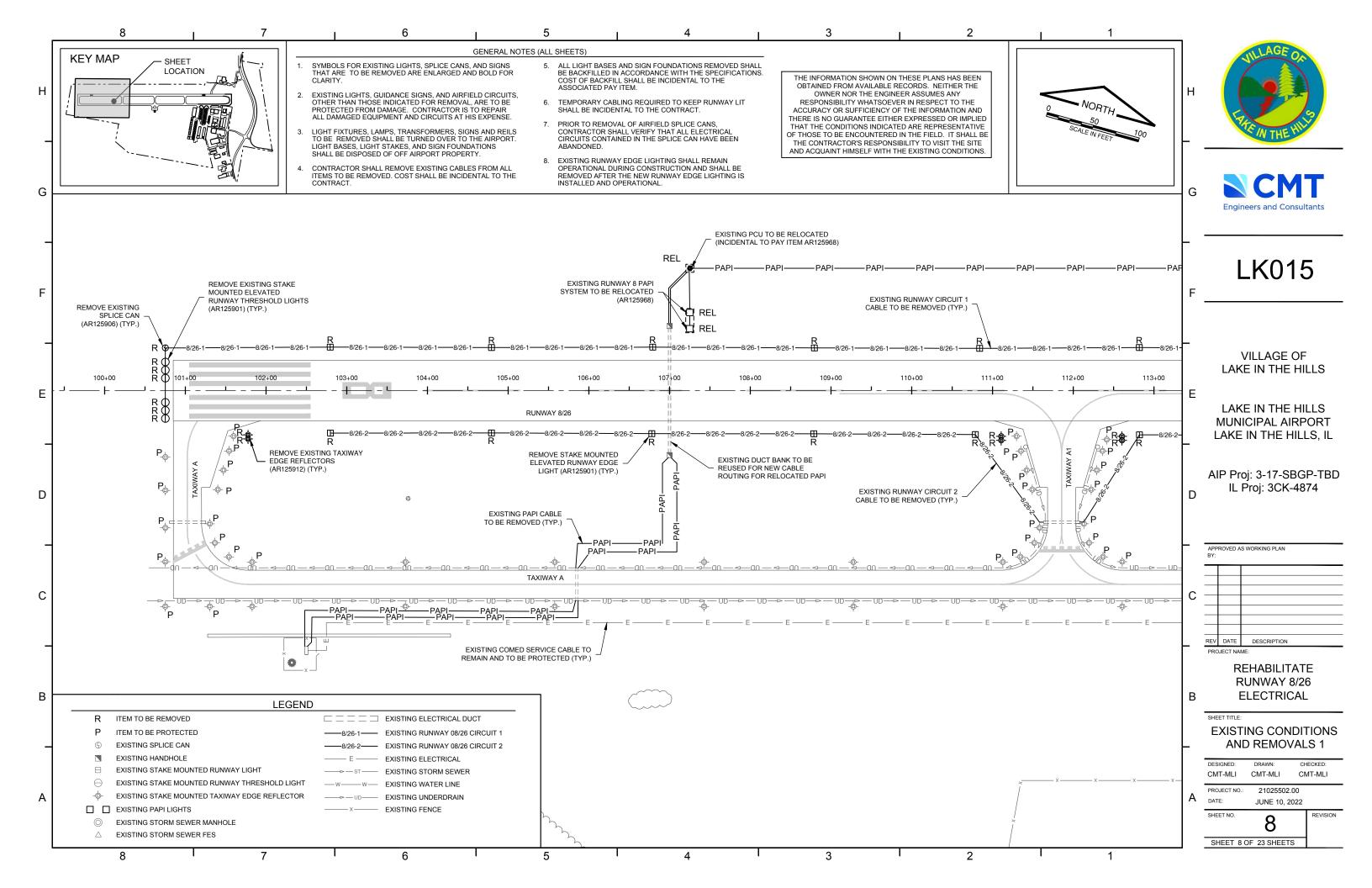


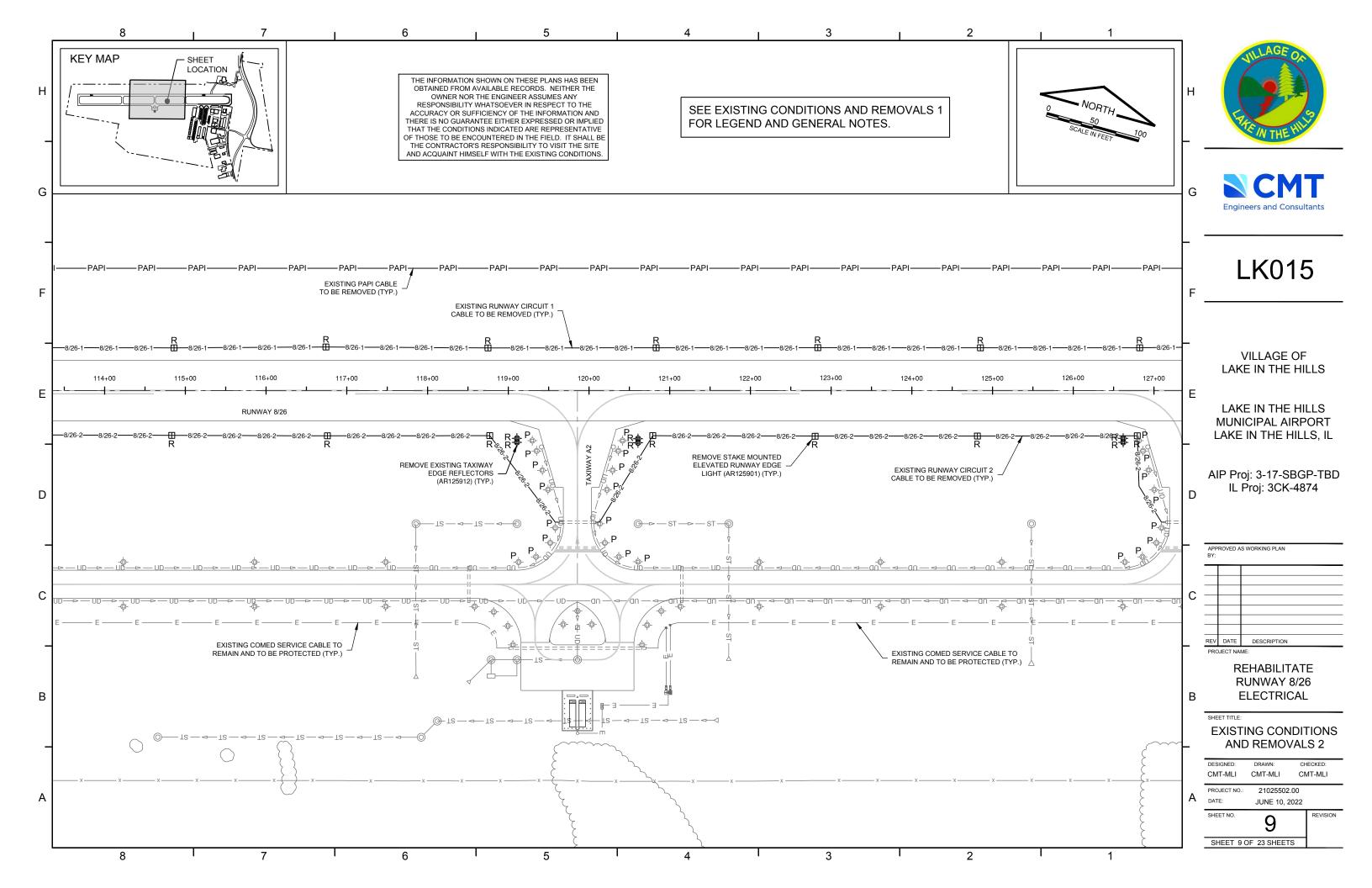


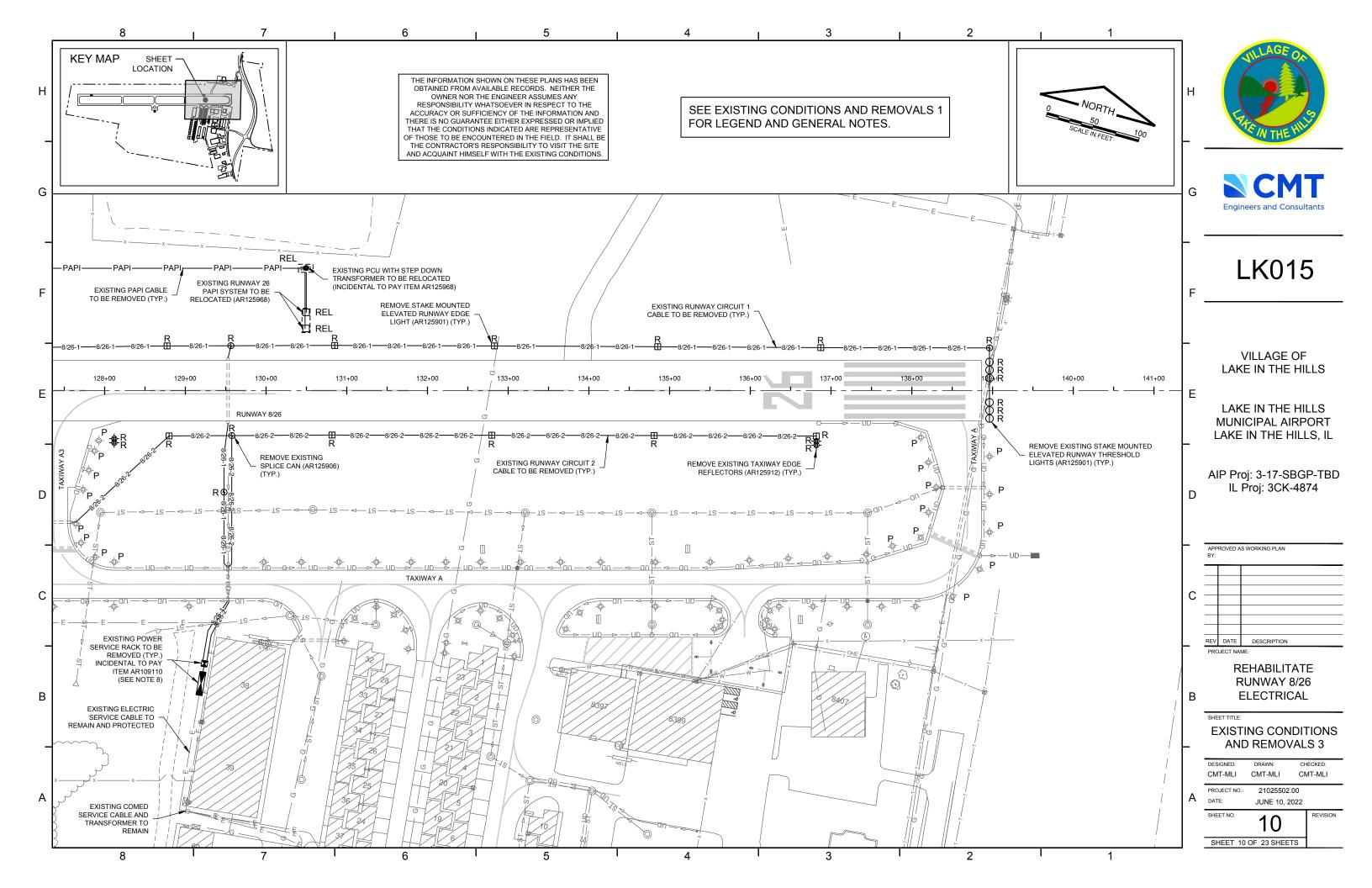


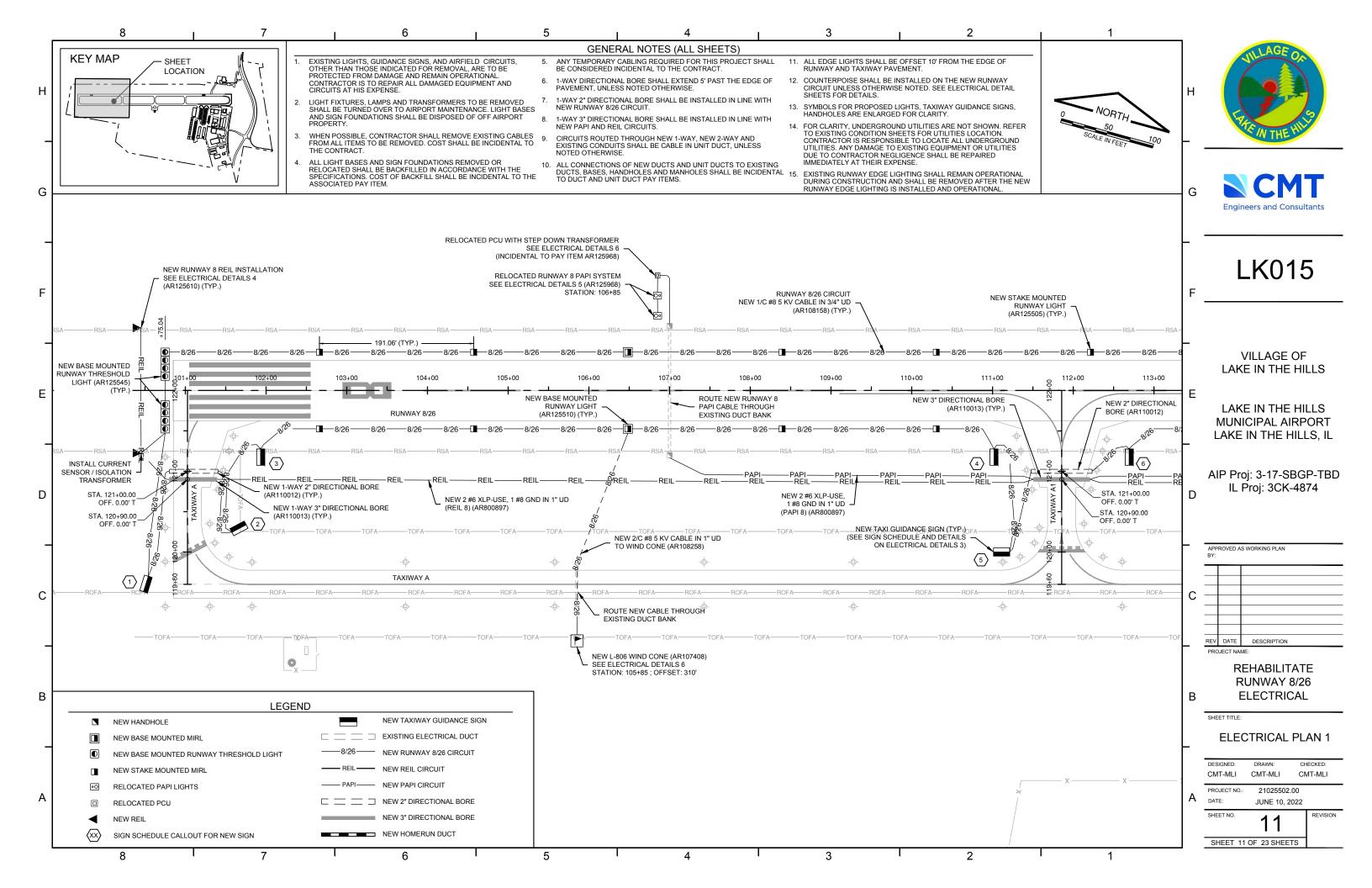
### 8 6 5 3 2 15. MARKING AND SIGNS FOR ACCESS ROUTES 3. AREAS AND OPERATIONS AFFECTED BY CONSTRUCTION 7. FOREIGN OBJECT DEBRIS (FOD) MANAGEMENT **GENERAL** THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL FOLLOW THE THE CONTRACTOR SHALL PICK UP ANY FOREIGN OBJECT DEBRIS (FOD) ALL RUNWAYS, TAXIWAYS AND APRONS SHALL BE KEPT OPEN TO MARKING AND SIGNAGE FOR THE ACCESS ROUTE SHALL BE AS SHOWN REQUIREMENTS OF THE AIRPORT'S APPROVED CONSTRUCTION SAFETY AIRCRAFT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED ON THE SEEN ON THE AIRFIELD PAVEMENTS. ON THE CONSTRUCTION SAFETY AND PHASING PLAN OR AS DIRECTED BY AND PHASING PLAN (CSPP), FAA AC 150/5370-2(LATEST EDITION), AND ALL CONSTRUCTION SAFETY AND PHASING PLAN SHEET. THE RESIDENT ENGINEER. AIRPORT SAFETY AND SECURITY REQUIREMENTS. THE CONTRACTOR SHALL SECURE ALL LOOSE ITEMS FROM VEHICLES WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND Н PRIOR TO DRIVING ON AIRFIELD PAVEMENTS. 16. HAZARD MARKING AND LIGHTING PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL AIRCRAFT OPERATIONS AND SAFETY, AIRCRAFT OPERATIONS AND 8. HAZARDOUS MATERIALS (HAZMAT) MANAGEMENT THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN MARKINGS AND ASSOCIATED LIGHTING OF OPEN TRENCHES, EXCAVATIONS, SUBMIT TO THE AIRPORT FOR APPROVAL A SAFETY PLAN COMPLIANCE SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL THE CONTRACTOR SHALL DEVELOP A HAZMAT MANAGEMENT PLAN AND DOCUMENT (SPCD) IN ACCORDANCE WITH FAA AC 150/5370-2(LATEST AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES KEEP COPIES ON THE JOBSITE OF MATERIAL SAFETY DATA SHEETS TEMPORARY STOCKPILES, AND HIS/HER CONSTRUCTION EQUIPMENT. EDITION). NO CONSTRUCTION ACTIVITY SHALL BEGIN UNTIL THE AIRPORT (MSDS) FOR ALL MATERIALS HANDLED ON THE JOBSITE HAS APPROVED THE SPCD. ALL CONSTRUCTION EQUIPMENT SHALL BE FLAGGED AND/OR LIGHTED IN AIRCRAFT OPERATIONS HAVE THE RIGHT-OF-WAY ON THE AIRFIELD. ALL 9. NOTIFICATION OF CONSTRUCTION ACTIVITIES ACCORDANCE WITH FAA ADVISORY CIRCUI AR 150/5370-2 AND 150/5210-5 THE CSPP COVERS OPERATIONAL SAFETY. THE CONTRACTOR SHALL BE CONSTRUCTION TRAFFIC SHALL IMMEDIATELY YIELD TO ONCOMING AT ALL TIMES WHILE OPERATING ON AIRPORT PROPERTY. THE MAXIMUM THE CONTRACTOR SHALL PROVIDE A 24 HOUR EMERGENCY CONTACT RESPONSIBLE FOR THE INDIVIDUAL SAFETY OF HIS/HER PERSONNEL AND AIRCRAFT AT ALL TIMES PERSON AND PHONE NUMBER MEETING SAFETY REQUIREMENTS SHOULD IT BE NECESSARY FOR THE CONTRACTOR TO TEMPORARY BARRICADES SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE THE CONTRACTOR SHALL GIVE A MINIMUM OF 10 DAYS NOTICE TO A MINIMUM OF 10 DAYS PRIOR TO THE PRECONSTRUCTION MEETING THE RELOCATE EQUIPMENT AT ANY TIME TO ALLOW AN AIRCRAFT TO PASS, AIRPORT OPERATIONS PRIOR TO CLOSING ANY PAVEMENTS SO THAT CONSTRUCTION SAFETY AND PHASING PLAN SHEET OR AS DIRECTED BY CONTRACTOR SHALL PROVIDE A LIST OF SUBCONTRACTORS AND THE CONTRACTOR SHALL DO SO IMMEDIATELY AT NO EXTRA COST TO THE RESIDENT ENGINEER. THE CONTRACTOR SHALL PLACE ALL PROPER NOTAMS MAY BE ISSUED BY THE AIRPORT. G MATERIAL SUPPLIERS BARRICADES AND CONSTRUCTION SETBACK LINES ITEMS AS SHOWN FOR ANY EQUIPMENT USED BY THE CONTRACTOR WITH A HEIGHT PRIOR TO INITIATING WORK IN EACH PHASE, ALL COSTS TO FURNISH. A MINIMUM OF 10 DAYS PRIOR TO THE NOTICE TO PROCEED THE 4. PROTECTION OF NAVIGATION AIDS (NAVAIDS) INSTALL, REPOSITION, AND MAINTAIN THESE ITEMS SHALL BE GREATER THAN 25' THE CONTRACTOR SHALL PROVIDE TO THE AIRPORT CONTRACTOR SHALL SUBMIT THE SPCD FOR APPROVAL THE CONTRACTOR SHALL REMAIN CLEAR OF THE ILS CRITICAL AREAS THE TYPE OF EQUIPMENT, TOTAL HEIGHT, AND LOCATION WHERE THE CONSIDERED INCIDENTAL TO THE PROJECT AND OTHER NAVAIDS FACILITIES AT ALL TIMES. EQUIPMENT WILL BE USED. THE AIRPORT WILL SUBMIT FAA FORM 7460-1 THE SUGGESTED SEQUENCE OF CONSTRUCTION SHOWN IS INTENDED THE CONTRACTOR SHALL INSPECT THE BARRICADES ONCE DURING EACH TO THE EAA FOR AN AIRSPACE STUDY. NO FOUIPMENT WITH A HEIGHT TO ALLOW FOR THE ORDERLY CONSTRUCTION OF THE NEW 5. CONTRACTOR ACCESS 1. CONTRACTOR ACCESS SHALL BE AS NOTED BELOW AND AS SHOWN ON WORK DAY TO INSURE PROPER PLACEMENT AND PROPER OPERATION OF IMPROVEMENTS WHILE MAINTAINING AIRCRAFT ACCESS AT ALL TIMES THE RED LIGHTS AND FLAG PLACEMENT. THE PHASING SHOWN IS A SUGGESTED SEQUENCE OF CONSTRUCTION THE SEQUENCE OF CONSTRUCTION SHEETS. ALL COSTS RELATING TO ONLY. THIS SEQUENCE MAY BE MODIFIED WITH THE APPROVAL OF THE ACCESS TO ACTIVE RUNWAY AND TAXIWAY PAVEMENTS SHALL BE CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY IN THE EVENT OF AN EMERGENCY, THE CONTRACTOR SHALL CALL 911. LK015 RESIDENT ENGINEER HOWEVER ALTERNATE STAGING PLANS MUST SIGNED WITH STOP SIGNS MOUNTED ON TYPE II BARRICADES (2 EACH, MAINTAIN AIRPORT OPERATIONS TO THE SATISFACTION OF THE AIRPORT CONTACTS FOR THIS PROJECT WILL BE DETERMINED AT THE RIGHT AND LEFT). IN ADDITION TO THE STOP SIGNS, WARNING SIGNS (2 THE CONTRACTOR IS TO ACCESS THE SITE USING THE ROUTE SHOWN EACH, RIGHT AND LEFT) SHALL BE MOUNTED. WARNING SIGNS SHALL PRECONSTRUCTION MEETING PRIOR TO THE PROJECT START ALL EXISTING TAXIWAY AND RUNWAY AIRFIELD LIGHTING CIRCUITS. FAA F THE ENTRANCE SHALL BE SIGNED ACCORDINGLY AS TO ALLOW ONLY STATE "UNAUTHORIZED ACCESS NOT ALLOWED". CABLES AND OTHER AIRPORT ELECTRICAL CABLES SHALL REMAIN IN CONSTRUCTION VEHICLES ACCESS AND WILL ONLY BE ACCESSIBLE 10. INSPECTION REQUIREMENTS SERVICE UNTIL REPLACED AS ACCEPTABLE TO THE RESIDENT ENGINEER DURING THE CONTRACTOR'S SCHEDULED WORK DAY, ALL SIGNAGE 17. PROTECTION THE CONTRACTOR SHALL INSPECT THE JOBSITE DAILY TO ENSURE AND AIRPORT FOR ALL PHASES. ALL TEMPORARY CABLING AND SPLICING SHALL CONFORM TO IDOT CONSTRUCTION STANDARDS FOR VEHICLES CONTRACTOR PERSONNEL, VEHICLES, EQUIPMENT AND BARRICADES COMPLIANCE WITH THE CSPP. THE CHECKLIST FOUND IN APPENDIX 3 OF NECESSARY TO KEEP THE CIRCUITS IN OPERATION SHALL BE ENTERING AND LEAVING THE SITE. FAA AC 150/5370-2(LATEST EDITION) MAY BE USED TO AID IN THE SHALL NOT BE ALLOWED WITHIN THE TAXIWAY OBJECT FREE AREA CONSIDERED INCIDENTAL TO THE CONTRACT. (TOFA) OF ACTIVE TAXIWAYS AND THE RUNWAY SAFETY AREA (RSA) OF SUPERVISORY PERSONNEL SHALL DEMONSTRATE IN THE PRESENCE OF ALL EXISTING AND PROPOSED FENCE LINES, EXCEPT AS OTHERWISE THE AIRPORT MANAGER THAT THEY ARE FAMILIAR WITH AIRPORT RADIO THE CONTRACTOR SHALL ATTEND AN INSPECTION OF EACH PHASE NOTED, SHALL BE MAINTAINED AND SHALL SERVE AS CONSTRUCTION AND AIRPORT DRIVING PROCEDURES IN ORDER TO PERFORM WORK VILLAGE OF WORK AREA PRIOR TO OPENING THE AREA TO AIRPORT OPERATIONS. 18. OTHER LIMITATIONS ON CONSTRUCTION AROUND THE PERIMETER OF THE PROJECT. ALL EXISTING GATES SHALL OTHER CONSTRUCTION PERSONNEL CAN BE WITHIN THE AIRFIELD LIMITS IF DURING CONSTRUCTION, AN EMERGENCY IS DECLARED BY THE LAKE IN THE HILLS BE MAINTAINED. CLOSED AND LOCKED AS DIRECTED BY THE AIRPORT PROVIDED THAT THEY ARE UNDER ESCORT AND IN THE PRESENCE OF AN 11. UNDERGROUND UTILITIES 1. IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD AIRPORT, THE CONTRACTOR SHALL IMMEDIATELY CLEAR THE PAVEMENT OWNER'S REPRESENTATIVE. SHOULD THE CONTRACTOR CHOOSE TO AUTHORIZED SUPERVISOR. KNOWLEDGE OF THE AIRPORTS OF ALL VEHICLES, PERSONNEL AND EQUIPMENT KEEP A GATE OPEN FOR CONSTRUCTION OPERATIONS, A COMPETENT PROCEDURE'S BY THE SUPERVISORY PERSONNEL MUST BE INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE SECURITY GUARD SHALL MONITOR THE OPEN GATE, ANY COST SHALL DEMONSTRATED PRIOR TO THE START OF CONSTRUCTION UNDERGROUND UTILITIES AT CRITICAL POINTS. SEE SECTION 70-17 OF THE CONTRACTOR SHALL KEEP ALL TRUCKS, EQUIPMENT AND NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS FOR MATERIALS OFF OF THE EXISTING RUNWAYS AND TAXIWAYS OUTSIDE OF TO THE CONTRACT LAKE IN THE HILLS DRIVERS OF TRUCKS CONTAINING MATERIAL DELIVERIES (AGGREGATE, SPECIFIC REQUIREMENTS. THE LOCATION OF UNDERGROUND UTILITIES THE PROJECT LIMITS EXCEPT AS SHOWN OR WITH THE PRIOR CONCRETE, ETC.) NEED NOT OBTAIN AN AIRPORT ID BADGE BUT SHALL AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING PERMISSION OF THE RESIDENT ENGINEER. SHOULD THE CONTRACTOR MUNICIPAL AIRPORT THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE DUST CONTROL AT BE REQUIRED TO SUBMIT THEIR NAME, DRIVER'S LICENSE NUMBER. RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY TRACK ANY DEBRIS ONTO EXISTING PAVEMENTS. THIS DEBRIS SHALL BE ALL TIMES DURING THE PROJECT DURATION A WATER TRUCK SHALL BE TRUCK LICENSE PLATE NUMBER AND NAME OF TRUCKING COMPANY TO REMOVED IMMEDIATELY WITH A PICK UP SWEEPER. A PICK UP SWEEPER LAKE IN THE HILLS. IL RESPONSIBILITY IN RESPECT TO THE ACCURACY, COMPLETENESS OF REQUIRED TO BE ONSITE DURING ALL CONSTRUCTION OPERATION THE PRIME CONTRACTOR PRIOR TO ENTERING THE JOBSITE. WHILE SUFFICIENCY OF THE INFORMATION, THERE IS NO GUARANTEE, EITHER SHALL BE REQUIRED TO BE ON SITE AND OPERATE DURING ALL WORKING HOURS, LINESS WAIVED BY THE AIRPORT, PAYMENT FOR INSIDE THE AGA FENCE, THE TRUCK DRIVERS SHALL BE ESCORTED BY EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF CONSTRUCTION OPERATION WORKING HOURS DUST CONTROL SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT THE CONTRACTOR PERSONNEL THAT HAS OBTAINED PROPER DRIVING MATERIAL OF EXISTING UNDERGROUND UTILITIES AS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED DURING THE CONTRACTOR SHALL PROVIDE WASTE RECEPTACLES THROUGHOUT PAYMENT FOR ALL AIRSIDE AND ROADWAY TRAFFIC CONTROL INCLUDING THE WORK ZONE AND MAINTAIN SANITARY FACILITIES FOR EMPLOYEES CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO AIP Proj: 3-17-SBGP-TBD BUT NOT LIMITED TO, TEMPORARY CONSTRUCTION FENCING, THE CONTRACTOR'S STORAGE AND STAGING AREA WILL BE AS SHOWN IN DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES. INCLUDING TO USE. FACILITIES WITHIN THE HANGARS/AIRPORT BUILDINGS SHALL BARRICADES, SIGNING, AIR OPERATIONS AREA (A.O.A) LATH AND RIBBON, IL Proj: 3CK-4874 THE SITE PLAN AND CONSTRUCTION PHASING PLAN. SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO NOT BE USED. ETC. SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY THE CONTRACTOR SHALL KEEP A RECORD OF THE NAMES OF ALL COMPANY/OWNER OF HIS OPERATIONAL PLANS. THE CONTRACTOR WORK PERFORMED BY THE CONTRACTOR OUTSIDE OF DAYLIGHT HOURS. ALL CONTRACTOR COSTS ASSOCIATED WITH THE REQUIREMENTS LISTED. EMPLOYEES ENTERING THE JOB SITE ON A DAILY BASIS. A RECORD OF SHALL MAKE ARRANGEMENTS FOR DETAILED INFORMATION AND SHALL BE DONE UNDER SUFFICIENT ARTIFICIAL AREA LIGHTING TO ON THIS SHEET SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT EACH SUBCONTRACTOR ENTERING THE JOB SITE SHALL ALSO BE KEPT ASSISTANCE IN LOCATING UTILITIES. IN THE EVENT AN UNEXPECTED ALLOW FOR PROPER CONSTRUCTION METHODS AND INSPECTIONS UNLESS A SPECIFIC PAY ITEM IS PROVIDED. BY THE CONTRACTOR UTILITY INTEREFRENCE IS ENCOUNTERED DURING CONSTRUCTION. THE LIGHT SHALL CONSIST OF MOVEABLE POLE MOUNTED ELOODLIGHTS CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY, THE AND/OR SPOTLIGHTS OF SUFFICIENT NUMBER TO ILLUMINATE WORK THE CONTRACTOR'S MATERIAL AND EQUIPMENT, WHEN NOT IN USE, OWNER AND THE ENGINEER. ANY SUCH MAINS AND/OR SERVICES AREA. VEHICLE HEADLIGHTS WILL BE ALLOWED ONLY IN ADDITION TO APPROVED AS WORKING PLAN SHALL BE STORED IN THE CONTRACTOR'S STAGING AREA. ALL DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED OTHER LIGHTS MENTIONED ABOVE, LIGHTING SHALL BE APPROVED BY ATTEND A PRECONSTRUCTION CONFERENCE WITH THE AIRPORT DELIVERIES, EQUIPMENT REFUELING, EQUIPMENT MAINTENANCE AND IMMEDIATELY AT HIS EXPENSE TO THE SATISFACTION OF THE OWNER THE ENGINEER AND SHALL NOT BE USED IF THEY AFFECT FLIGHT RESIDENT ENGINEER, AND ILLINOIS DIVISION OF AERONAUTICS (IDA) EQUIPMENT TRANSFER SHALL TAKE PLACE WITHIN THE CONTRACTOR'S AND THE ENGINEER THE COST OF PREPARING FOR AND ATTENDING THE PRECONSTRUCTION CONFERENCE SHALL BE INCIDENTAL TO THE CONTRACT BEFORE INITIATING ANY DIGGING, DRILLING OR EXCAVATING ON THE AIRPORT PROPERTY, THE CONTRACTOR SHALL CALL J.U.L.I.E. AND THE CONTRACTOR SHALL SUPPLY AND HAVE IN THEIR POSSESSION AT THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND ALL TIMES AT LEAST ONE AIRPORT RADIO. IN THE EVENT THAT THE ON OR BEFORE THE PRECONSTRUCTION CONFERENCE. THE MATERIALS ONLY AT THE LOCATIONS SHOWN. PARKED EQUIPMENT AND CONTACT THE LOCAL FAA OFFICE TO ARRANGE FOR UTILITY LOCATES AIRPORT MANAGER NEEDS TO CONTACT THE CONTRACTOR DIRECTLY CONTRACTOR SHALL SUBMIT A PROPOSED SCHEDULE FOR THE MATERIAL STOCKPILES SHALL NOT PENETRATE SURFACES DEFINED BY SEE SECTION 70-17 OF THE SPECIAL PROVISIONS FOR UTILITY CONTACT THE OPERATOR OF SAID RADIO SHALL BE FAMILIAR WITH AIRPORT RADIO PROJECT. THE SCHEDULE SHALL INCLUDE A START AND COMPLETION F.A.R. TITLE 14 PART 77 - OBJECTS AFFECTING NAVIGABLE AIRSPACE. PROCEDURES AND TUNED INTO THE GROUND CONTROL FREQUENCY. DATE FOR EACH ITEM OF WORK. THE SCHEDULE SHALL BE UPDATED ON A WEEKLY BASIS. ALL COSTS ASSOCIATED WITH THE SCHEDULE SHALL ALL CONSTRUCTION TRAFFIC OPERATING ON, OR CROSSING RUNWAYS SHOULD A UTILITY COMPANY OR GOVERNMENT AGENCY BE UNABLE TO BROKEN CONCRETE BROKEN ASPHALT AND OTHER MISCELLANEOUS BE INCIDENTAL TO THE CONTRACT. TAXIWAYS AND APRONS OPEN TO AIRCRAFT TRAFFIC SHALL BE UNDER LOCATE FACILITIES, THE CONTRACTOR SHALL LOCATE THESE FACILITIES. DEBRIS SHALL BE DISPOSED OF OFF AIRPORT PROPERTY, UNLESS REV DATE CONTROL BY A FLAGMAN OR ESCORT IN RADIO CONTACT. THE DESCRIPTION PAYMENT FOR THIS LOCATION SHALL BE INCIDENTAL TO THE OTHERWISE SPECIFIED. THE CONTRACTOR SHALL BE REQUIRED TO ESTABLISH A COORDINATION CONTRACTOR SHALL PROVIDE HIS OWN FLAGMEN. IMPROVEMENTS REQUIRING THE LOCATE. PLAN WITH THE AIRPORT OR HIS/HER DESIGNATED REPRESENTATIVE, THE CONTRACTOR MAY BE REQUIRED TO SUBMIT A REVISED PROGRESS REGARDING DE-ENERGIZING AND ENERGIZING OF THE AIRFIELD ALL PAVEMENTS, DRIVES OR ANY OTHER AREAS LITHIZED BY THE THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL AIRPORT **REHABILITATE** SCHEDULE TO ACCOMMODATE AIRPORT EVENTS (LE. AIR SHOW) CIRCUITS IMPACTED BY CONSTRUCTION ACTIVITY CONTRACTOR FOR HAUL ROADS, STORAGE AREAS AND/OR STAGING OWNED UTILITIES AND SHALL BE CONSIDERED INCIDENTAL TO THE SHOULD A REVISED SCHEDULE BE REQUIRED, THE REVISIONS SHALL BE AREAS SHALL BE MAINTAINED AND REPAIRED TO THE SAME CONDITION **RUNWAY 8/26** CONTRACT COMPLETED AT NO ADDITIONAL COST TO THE CONTRACT. CONTRACTOR SHALL PLAN HIS/HER WORK SO AS NOT TO INTERFERE OR OR BETTER THAN THEY WERE PRIOR TO BEGINNING CONSTRUCTION. NO HINDER THE PROGRESS, WORK OR HAUL ROAD ACCESS OF OTHER ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR **ELECTRICAL** В В 12. PENALTIES CONTRACTORS (SEE STANDARD SPECIFICATIONS FOR CONSTRUCTION THIS WORK NONCOMPLIANCE BY THE CONTRACTOR WITH AIRPORT RULES AND OF AIRPORT AND SPECIAL PROVISIONS SECTION 50-05) THE PRIME REGULATIONS OR FAILURE TO COMPLY WITH THE AIRPORT'S APPROVED CSPP AND THE CONTRACTOR'S APPROVED SPCD MAY RESULT IN FINES CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE CONSTRUCTION SHEET TITLE: ALL VEHICLE AND EQUIPMENT OPERATORS USED BY THE CONTRACTOR ACTIVITIES AND ACCESS BETWEEN ALL ON-SITE CONTRACTORS SHALL BE PROPERLY TRAINED BY THE CONTRACTOR SEQUENCE OF AS ALLOWED BY LAW SUBCONTRACTORS, IT IS ANTICIPATED THE FOLLOWING PROJECTS MAY BE UNDER CONSTRUCTION CONCURRENTLY WITH THIS PROJECT 6. WILDLIFE MANAGEMENT 1. THE CONTRACTOR SHALL NOTIFY AIRPORT OPERATIONS OR THE **CONSTRUCTION NOTES** 13. SPECIAL CONDITIONS ADJACENT CONSTRUCTION MAY IMPACT THE OPERATIONS OF THE **REHABILITATE AND REPROFILE RUNWAY 8/26** RESIDENT ENGINEER IF ANY WILDLIFE IS SEEN ENTERING THE AIRPORT. DESIGNED: DRAWN: CHECKED CONTRACTOR ACCESS GATES SHALL REMAIN CLOSED WHEN THE CMT-MLI CMT-MLI CMT-MLI 14. RUNWAY AND TAXIWAY VISUAL AIDS TOTAL BASE BID CONTRACT TIME SHALL BE 72 CALENDAR DAYS. CONTRACTOR IS NOT WORKING RUNWAY OR TAXIWAY CLOSURES ARE AS DETAILED IN THE 21025502.00 PROJECT NO .: THE CONTRACTOR SHALL DISPOSE OF ALL TRASH INCLUDING FOOD CONSTRUCTION SAFETY AND PHASING PLAN FOR THIS PROJECT. IF ANY PHASING SHALL BE AS SHOWN ON THE SEQUENCE OF CONSTRUCTION DATE: JUNE 10, 2022 SHEET. SCRAPS IN APPROVED CONTRACTOR PROVIDED CONTAINERS. RUNWAY OR TAXIWAY CLOSURES ARE REQUESTED BY THE CONTRACTOR AND APPROVED BY THE AIRPORT, THE CONTRACTOR SHEET NO REVISION SHALL USE MARKING, LIGHTING AND SIGNS THAT FOLLOW THE REQUIREMENTS OF FAA AC 150/5370-2(LATEST EDITION). SHEET 6 OF 23 SHEETS

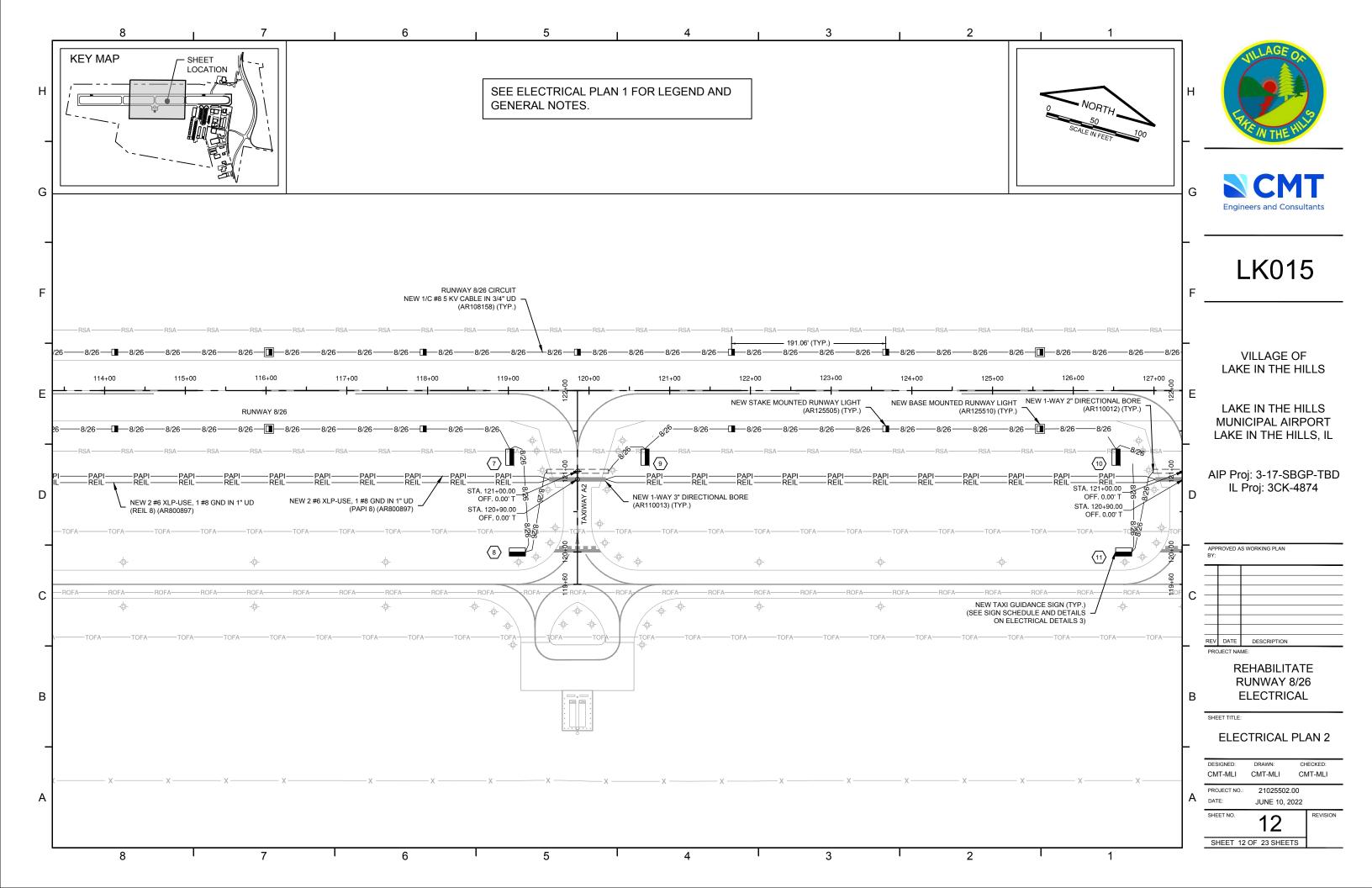


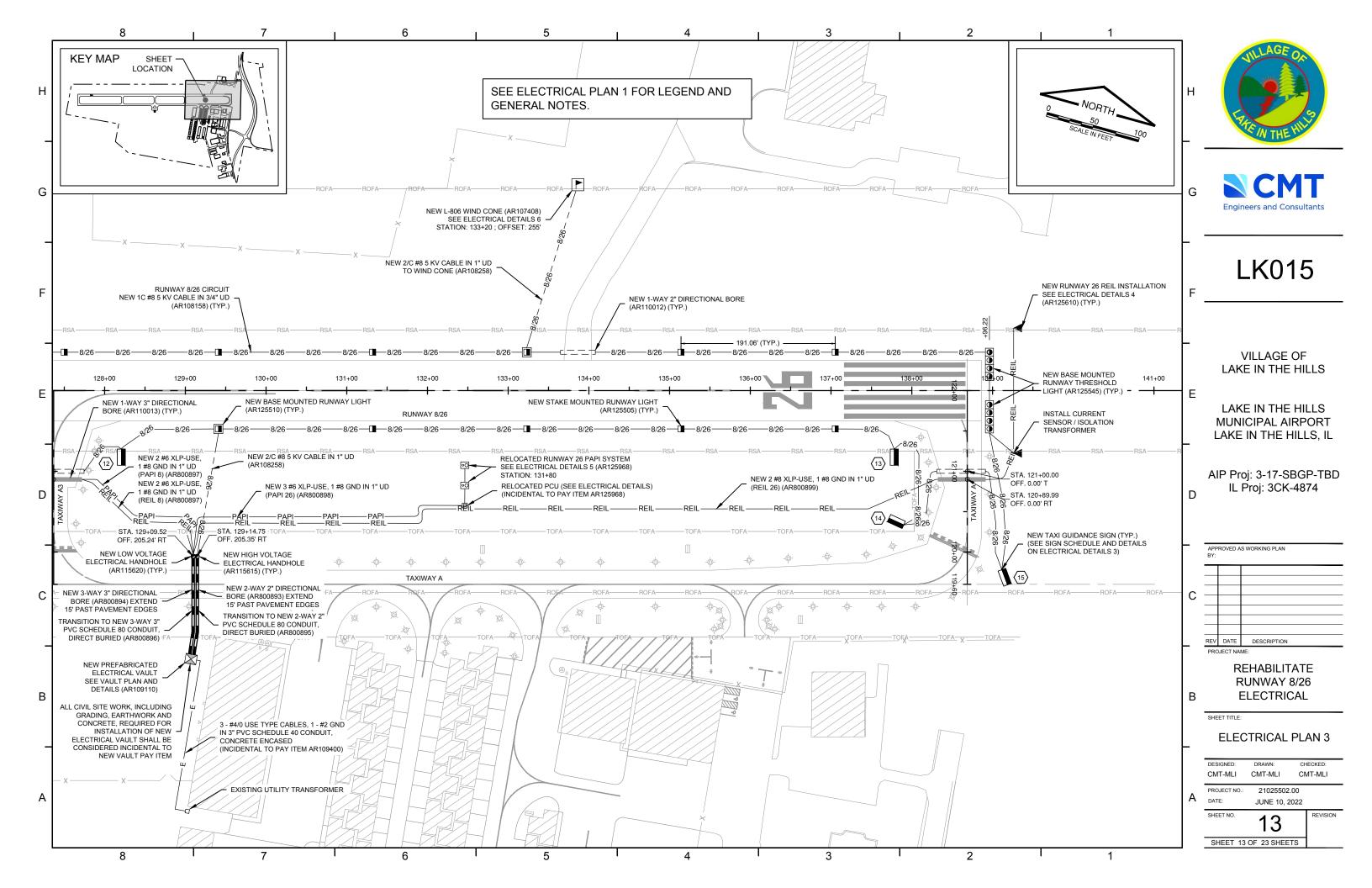


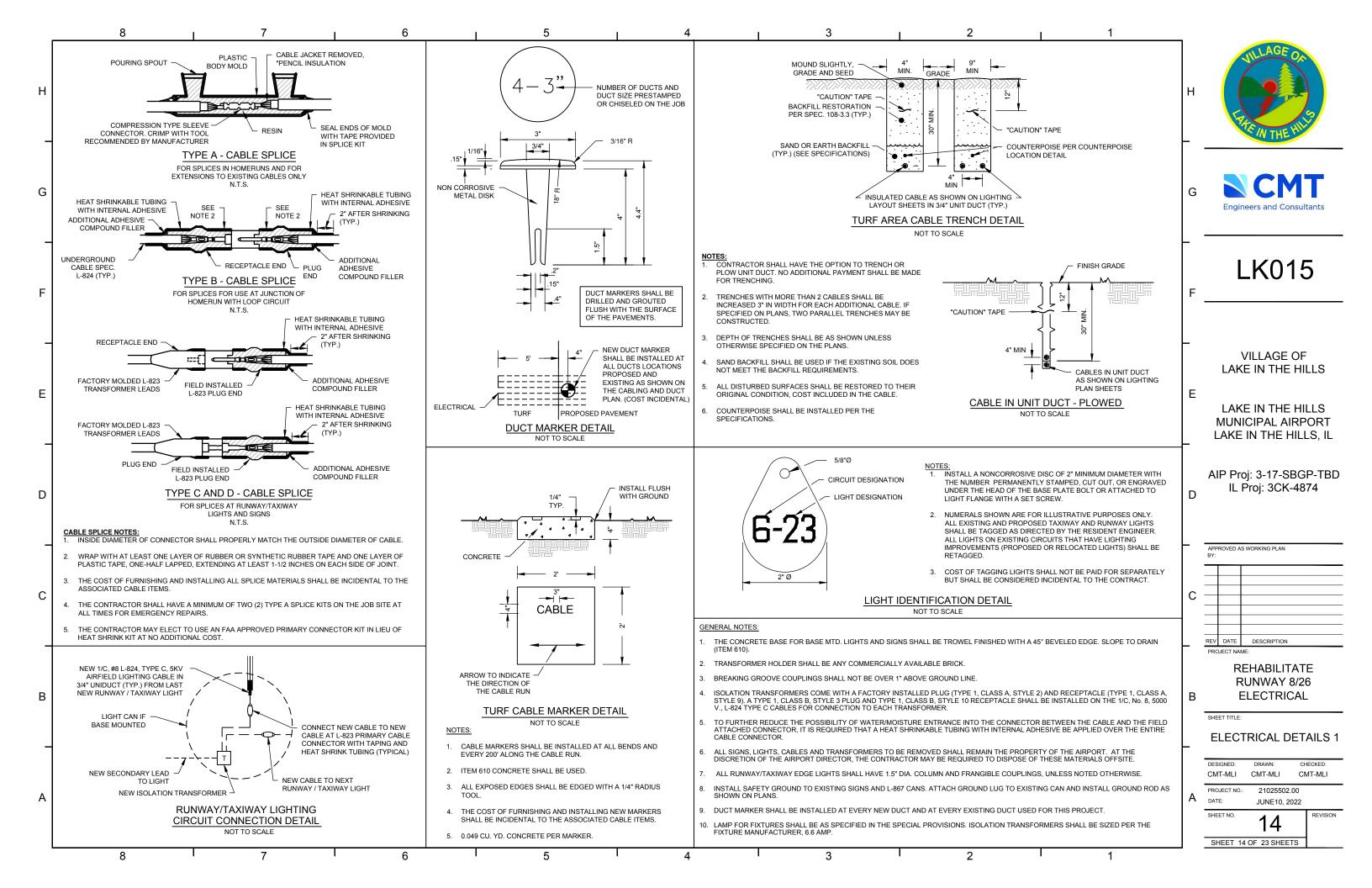


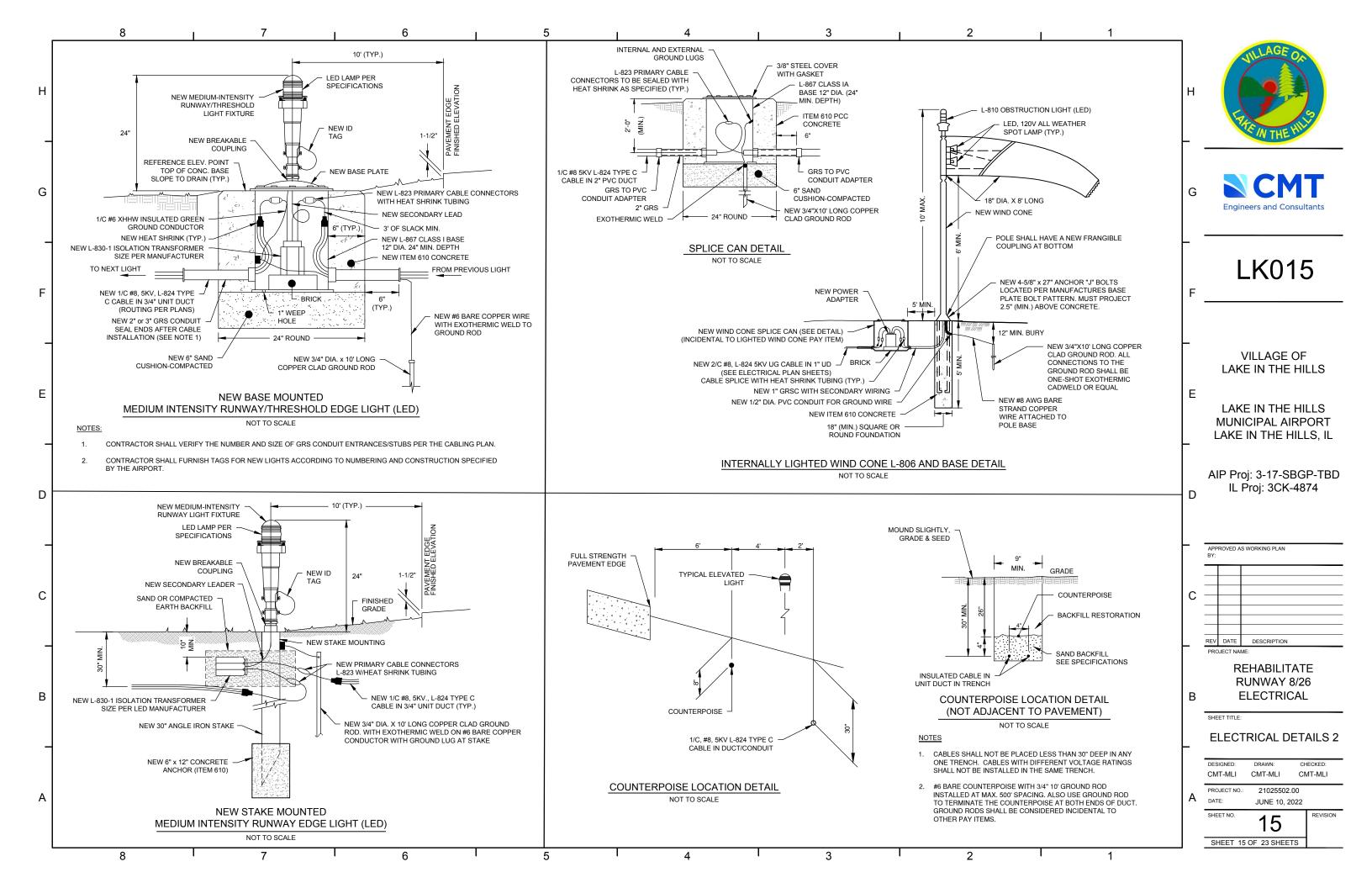


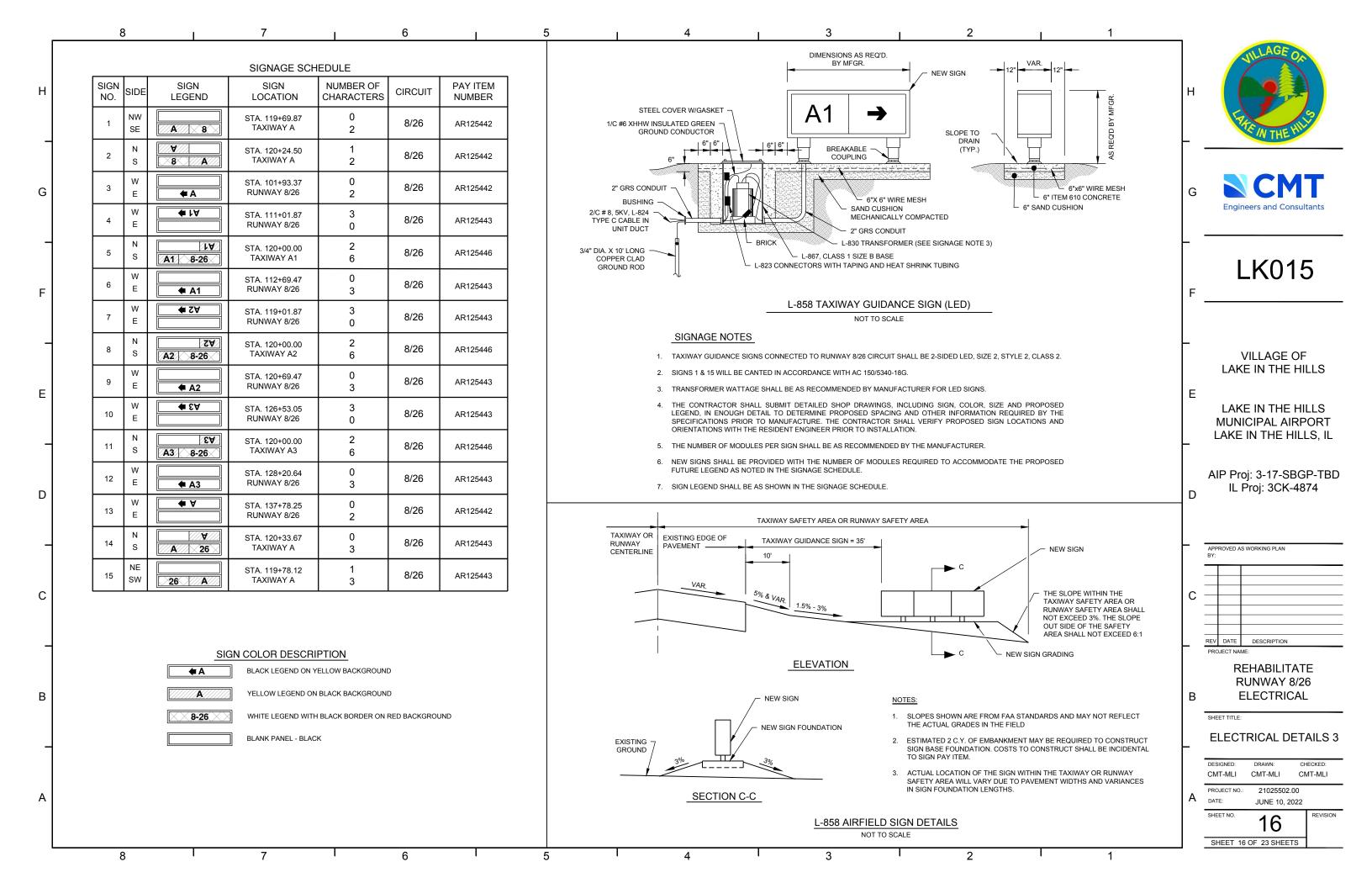


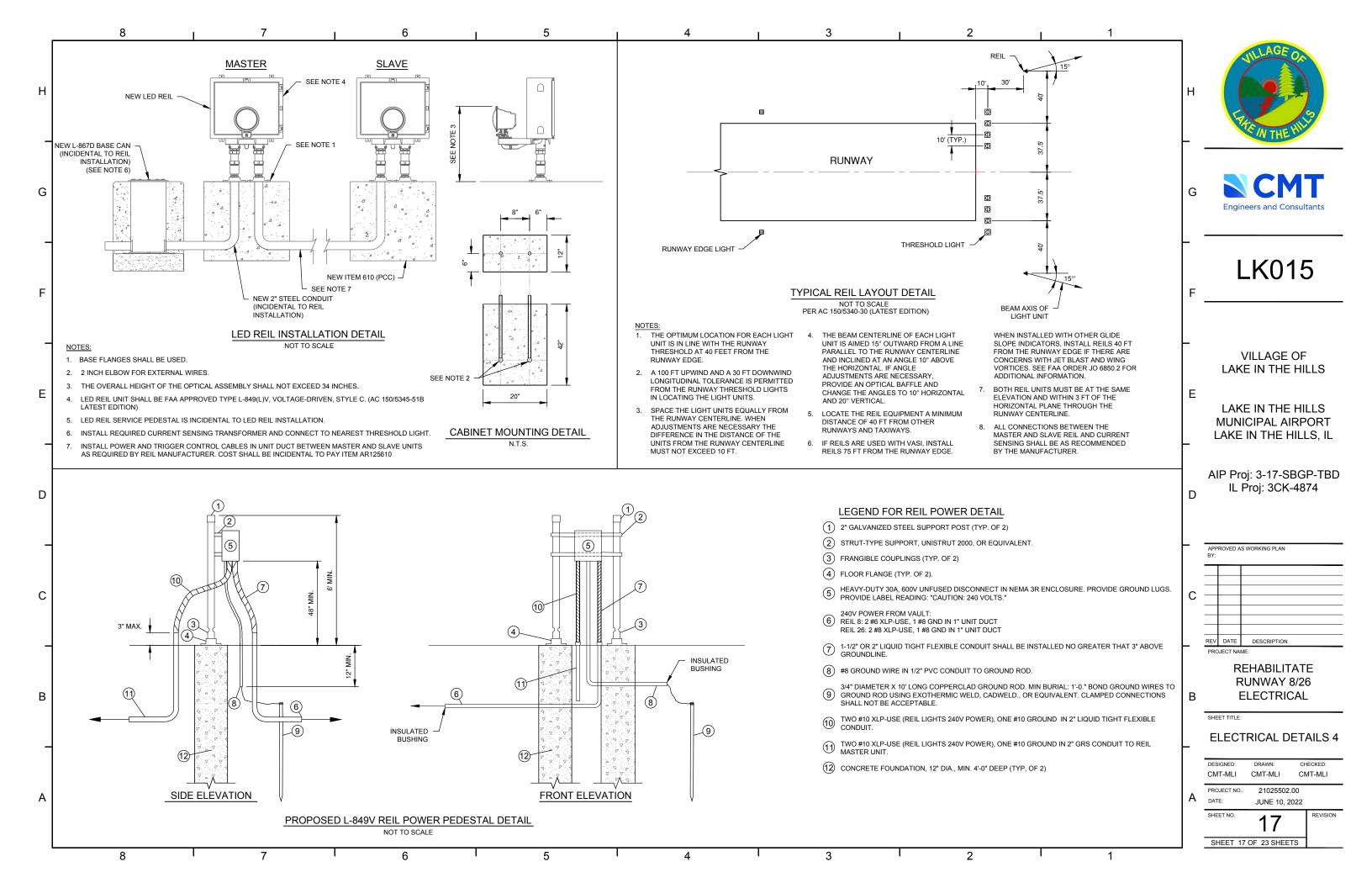


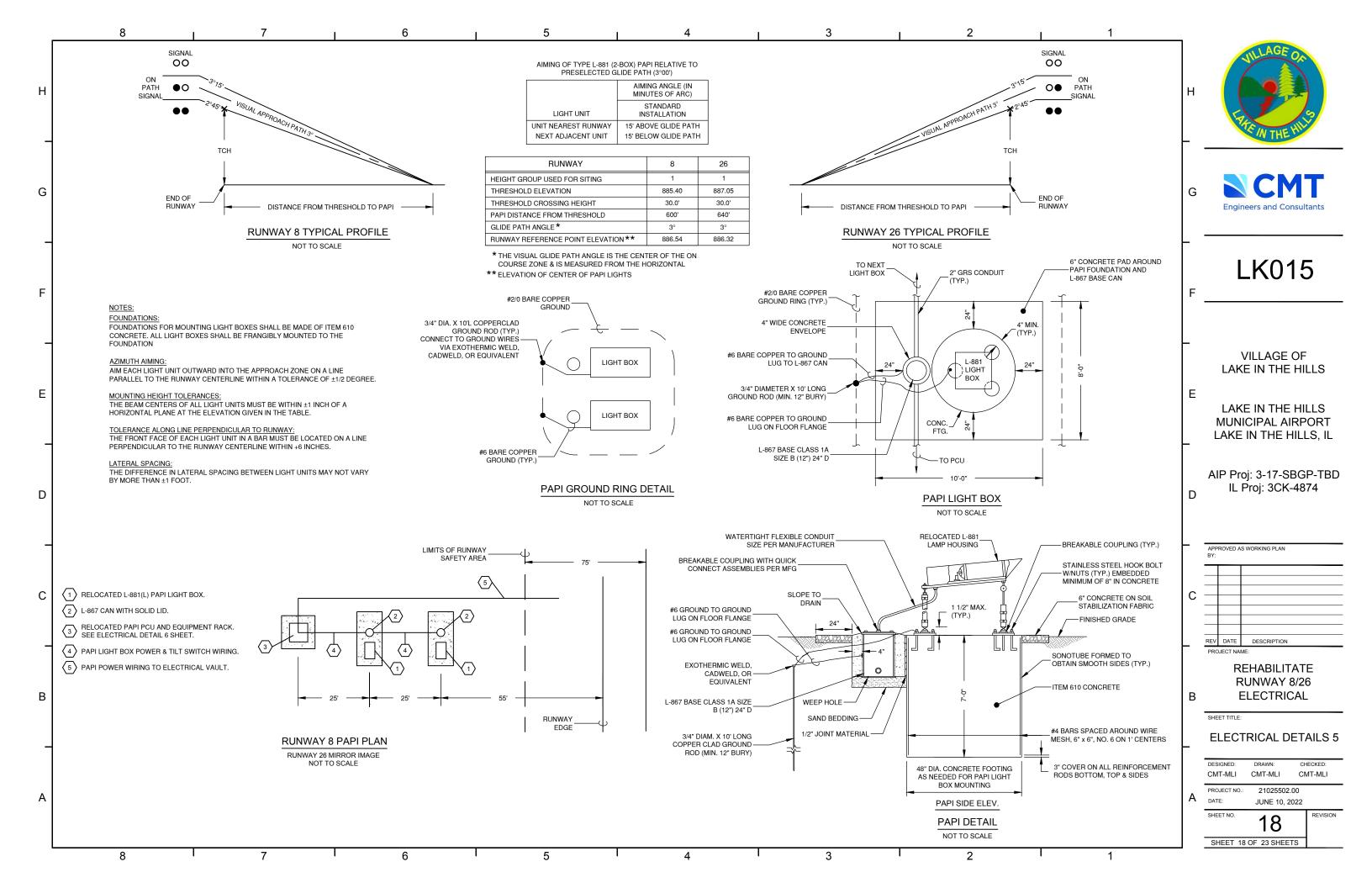


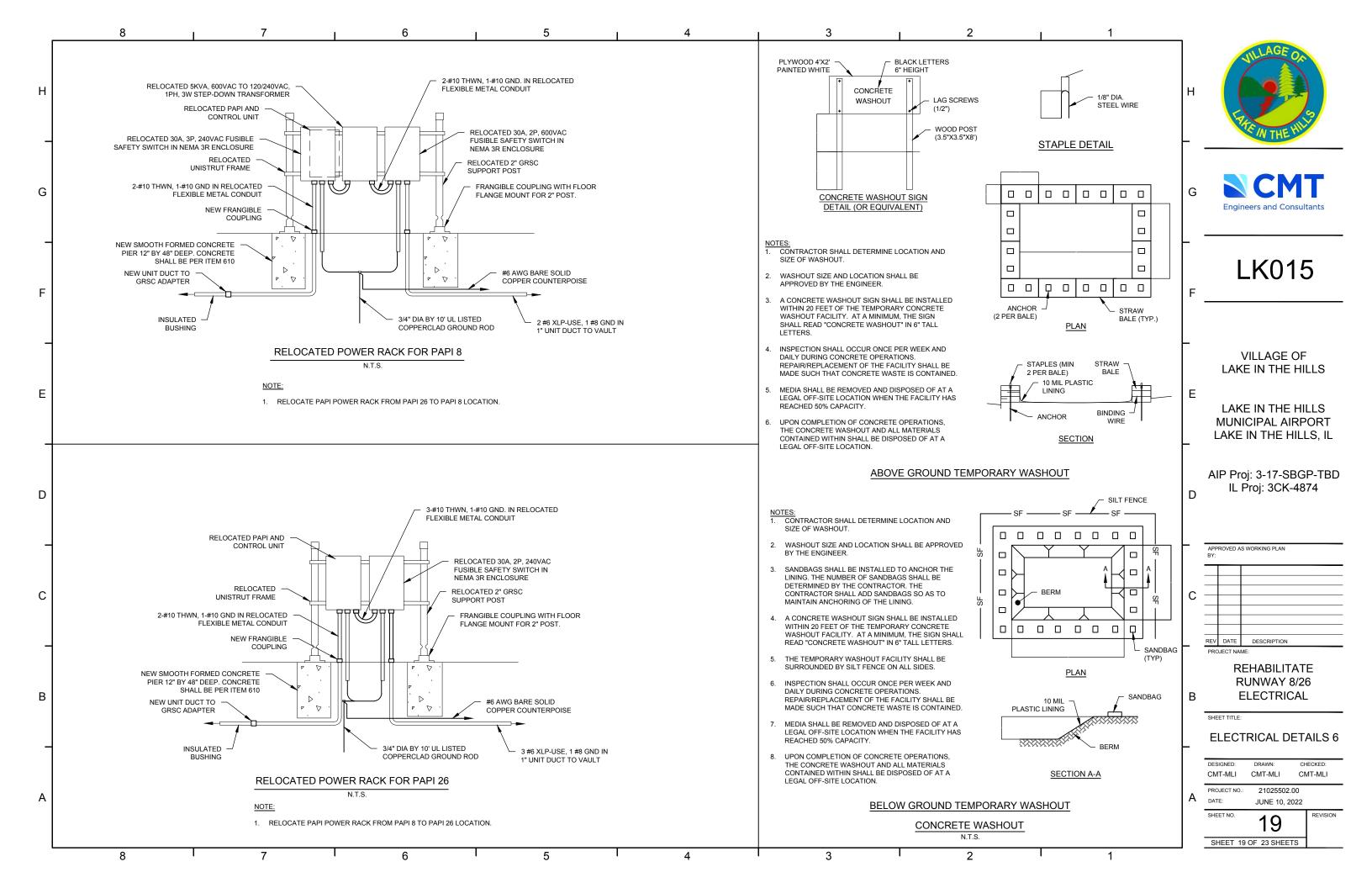


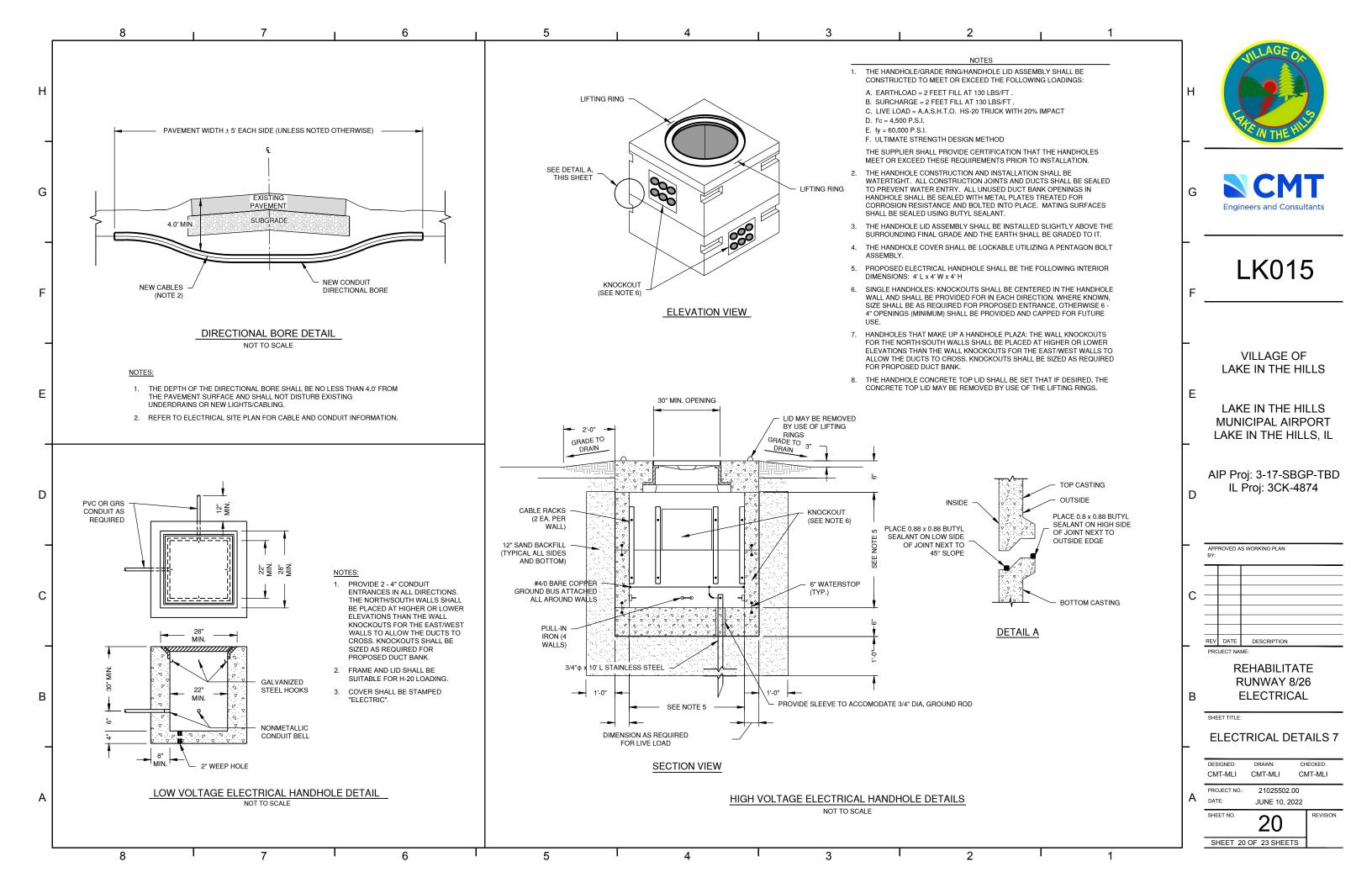


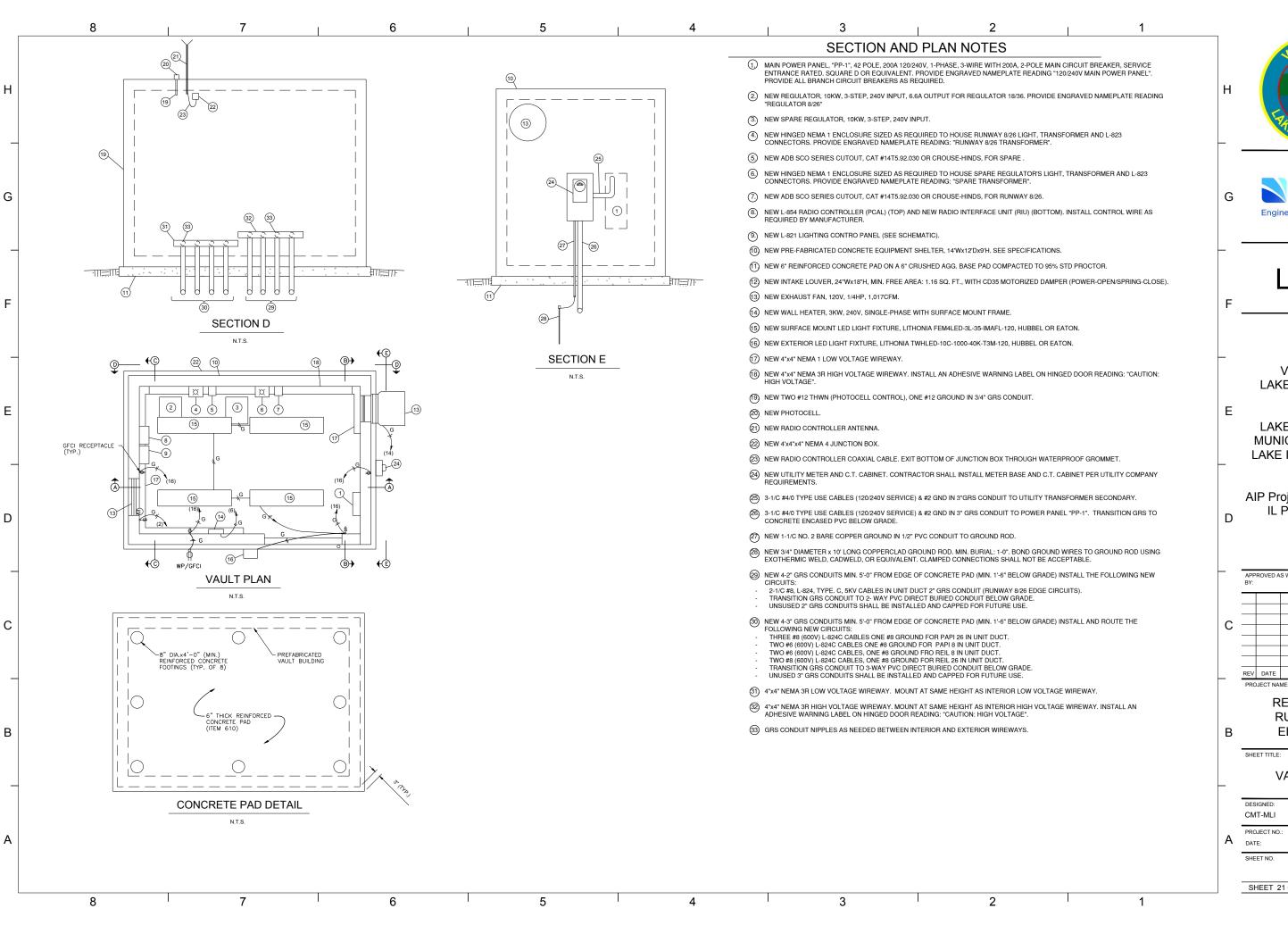
















LK015

VILLAGE OF LAKE IN THE HILLS

LAKE IN THE HILLS MUNICIPAL AIRPORT LAKE IN THE HILLS. IL

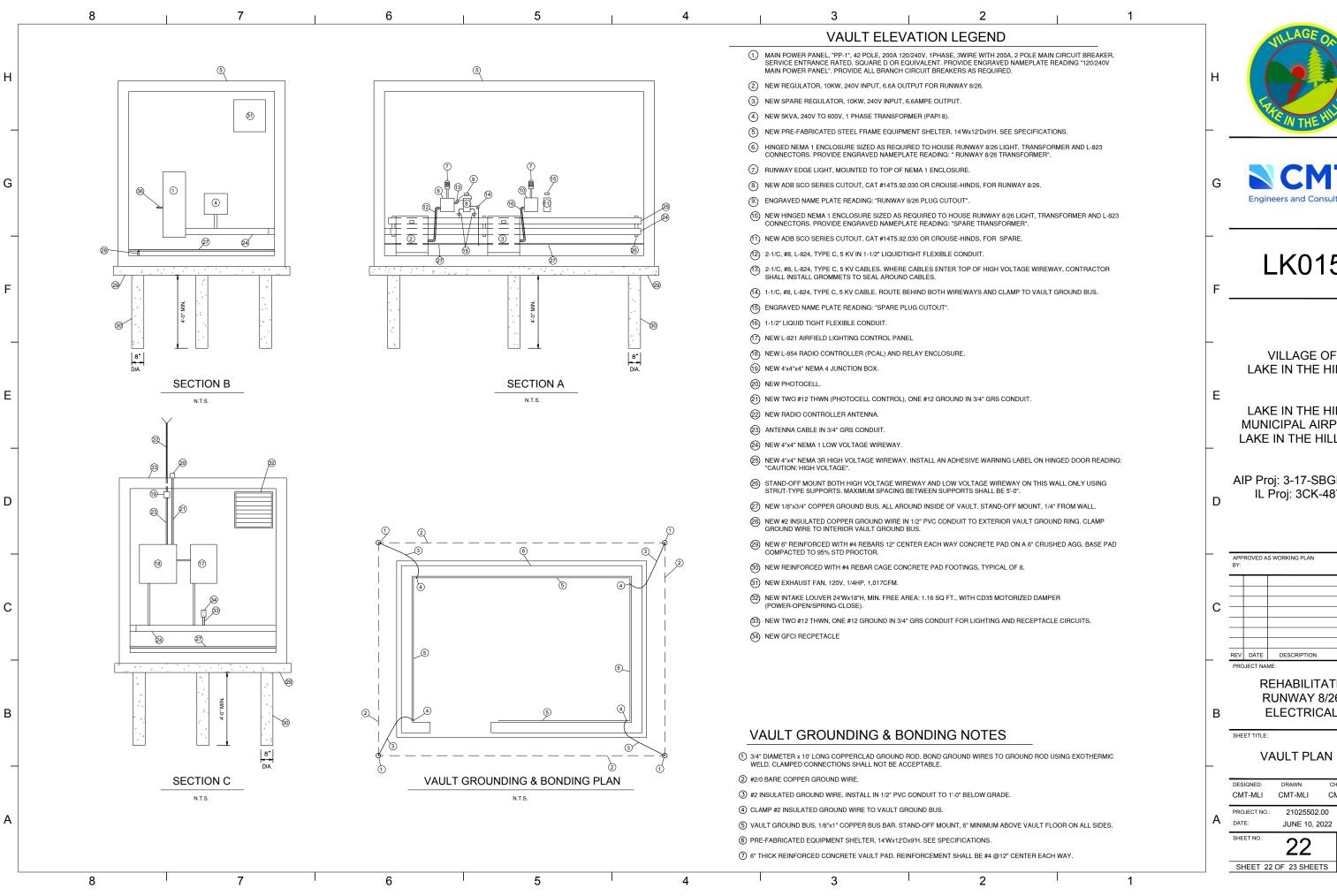
AIP Proj: 3-17-SBGP-TBD IL Proj: 3CK-4874



REHABILITATE RUNWAY 8/26 ELECTRICAL

VAULT PLAN 1

	DESIGNED: CMT-MLI	DRAWN: CMT-MLI		HECKED:
Α	PROJECT NO.: 21025502.00  DATE: JUNE 10, 2022			
	SHEET NO.	21		REVISION
	SHEET 21	OF 23 SHEE	TS	



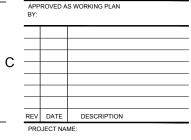


LK015

VILLAGE OF LAKE IN THE HILLS

LAKE IN THE HILLS MUNICIPAL AIRPORT LAKE IN THE HILLS, IL

AIP Proj: 3-17-SBGP-TBD IL Proj: 3CK-4874



REHABILITATE **RUNWAY 8/26 ELECTRICAL** 

SHEET TITLE:

VAULT PLAN 2

	DESIGNED:	DRAWN: C	HECKED:	
	CMT-MLI	CMT-MLI C	MT-MLI	
Α	PROJECT NO.:	21025502.00		
	DATE.	JUNE 10, 2022		
	SHEET NO.	22	REVISION	

