

01A

WHITESIDE COUNTY AIRPORT BOARD WHITESIDE COUNTY, ILLINOIS

WH016
TOTAL SHEETS:
26

Whiteside
COUNTY AIRPORT
JOSEPH H. BITTORF FIELD
WHITESIDE COUNTY AIRPORT BOARD

Monte Van Kooten

APPROVED BY _____
MONTE VAN KOOTEN, PRESIDENT
DATE 1-17-2022

811 Know what's below.
Call before you dig.
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 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 ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

TOWNSHIP: 20 NORTH COUNTY: WHITESIDE
RANGE: 7 EAST TOWNSHIP: MONTMORENCY
SECTION: 10

Illinois Professional Engineering Practice Act of 1989

CMT
Engineers and Consultants



SUBMITTED BY *Garrett E. Scholl*
GARRETT E. SCHOLL, P.E.

DATE 1/14/2022
License Expires 11/30/2023

CONSTRUCTION PLANS FOR WHITESIDE COUNTY AIRPORT CONSTRUCT, LIGHT, AND MARK PARALLEL TAXIWAY TO RUNWAY 36 END - SOUTH END CONNECTOR

FINAL DESIGN SUBMITTAL
ILLINOIS PROJECT: SQI-4895
SBG PROJECT: 3-17-SBGP-171
JANUARY 14, 2022
(MARCH 11, 2022 LETTING)

DESIGN INFORMATION

RUNWAY 18/36
AIRCRAFT DESIGN GROUP II
DESIGN APPROACH CATEGORY B
RUNWAY SAFETY AREA WIDTH = 150'

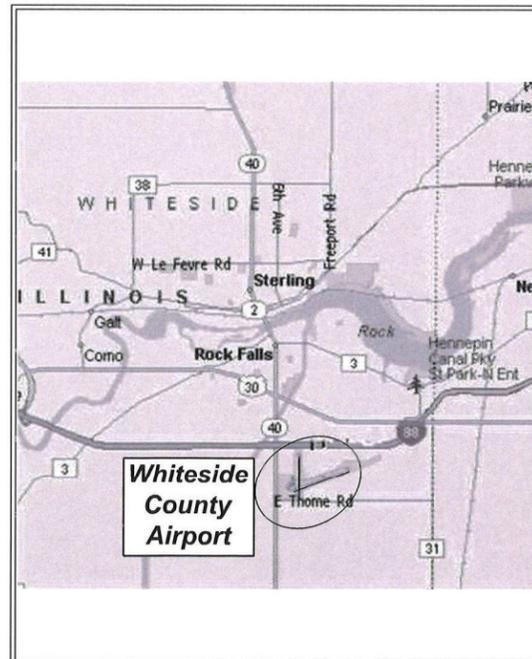
RUNWAY 7/25
AIRCRAFT DESIGN GROUP III
DESIGN APPROACH CATEGORY C
RUNWAY SAFETY AREA WIDTH = 500'

TAXIWAY D
AIRCRAFT DESIGN GROUP II
TAXIWAY DESIGN GROUP 2

MAXIMUM EQUIPMENT HEIGHT - 25'
UNICOM FREQUENCY - 123.00

INDEX TO SHEETS

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LOCATION MAP



SITE PLAN

CMT DESIGN NUMBER: 20029204.00

WH016

WHITESIDE
COUNTY AIRPORT
STERLING/ROCK FALLS, IL

WHITESIDE COUNTY
AIRPORT BOARD

SBG Proj: 3-17-SBGP-171
IL Proj: SQI-4895

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
**CONSTRUCT, LIGHT, AND
MARK PARALLEL TAXIWAY
TO RUNWAY 36 END -
SOUTH END CONNECTOR**

SHEET TITLE:
**SUMMARY OF
QUANTITIES**

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **2** REVISION

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	RECORD QUANTITY
AR108158	1/C #8 5 KV UG CABLE IN UD	FOOT	3,920.00	
AR110014	4" DIRECTIONAL BORE	FOOT	180.00	
AR110213	3" STEEL DUCT, DIRECT BURY	FOOT	45.00	
AR110502	2-WAY CONCRETE ENCASED DUCT	FOOT	165.00	
AR125411	MITL-STAKE MOUNTED-LED	EACH	24.00	
AR125416	MITL-BASE MOUNTED-LED	EACH	9.00	
AR125442	TAXI GUIDANCE SIGN, 2 CHARACTER	EACH	2.00	
AR125443	TAXI GUIDANCE SIGN, 3 CHARACTER	EACH	2.00	
AR125445	TAXI GUIDANCE SIGN, 5 CHARACTER	EACH	1.00	
AR125525	HIRL, INPAVEMENT	EACH	1.00	
AR125901	REMOVE STAKE MOUNTED LIGHT	EACH	2.00	
AR125902	REMOVE BASE MOUNTED LIGHT	EACH	1.00	
AR125904	REMOVE TAXI GUIDANCE SIGN	EACH	1.00	
AR150520	MOBILIZATION	L SUM	1.00	
AR152410	UNCLASSIFIED EXCAVATION	CU YD	4,570.00	
AR156513	SEPARATION FABRIC	SQ YD	3,800.00	
AR156520	INLET PROTECTION	EACH	4.00	
AR208515	POROUS GRANULAR EMBANKMENT	CU YD	50.00	
AR209612	CRUSHED AGG. BASE COURSE - 12"	SQ YD	3,800.00	
AR401613	BIT. SURF. CSE. - METHOD I, SUPERPAVE	TON	430.00	
AR401900	REMOVE BITUMINOUS PAVEMENT	SQ YD	1,200.00	
AR403613	BIT. BASE CSE. - METHOD I, SUPERPAVE	TON	430.00	
AR602510	BITUMINOUS PRIME COAT	GALLON	1,100.00	
AR603510	BITUMINOUS TACK COAT	GALLON	260.00	
AR620520	PAVEMENT MARKING - WATERBORNE	SQ FT	1,100.00	
AR620525	PAVEMENT MARKING - BLACK BORDER	SQ FT	660.00	
AR701006	6" PVC STORM SEWER	FOOT	204.00	
AR701512	12" RCP, CLASS IV	FOOT	150.00	
AR701515	15" RCP, CLASS IV	FOOT	141.00	
AR701900	REMOVE PIPE	FOOT	460.00	
AR751411	INLET - TYPE A	EACH	2.00	
AR751540	MANHOLE 4'	EACH	1.00	
AR751903	REMOVE MANHOLE	EACH	3.00	
AR751943	ADJUST MANHOLE	EACH	1.00	
AR800872	2 #4 XLP-USE 600V, 1 #8 GND IN 1-1/4" UD	FOOT	540.00	
AR901510	SEEDING	ACRE	4.20	
AR908515	HEAVY-DUTY HYDRAULIC MULCH	ACRE	4.20	

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STERLING/ROCK FALLS, IL

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REV	DATE	DESCRIPTION

PROJECT NAME:
**CONSTRUCT, LIGHT, AND
MARK PARALLEL TAXIWAY
TO RUNWAY 36 END -
SOUTH END CONNECTOR**

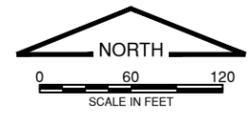
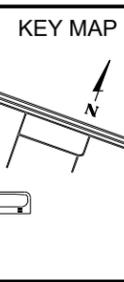
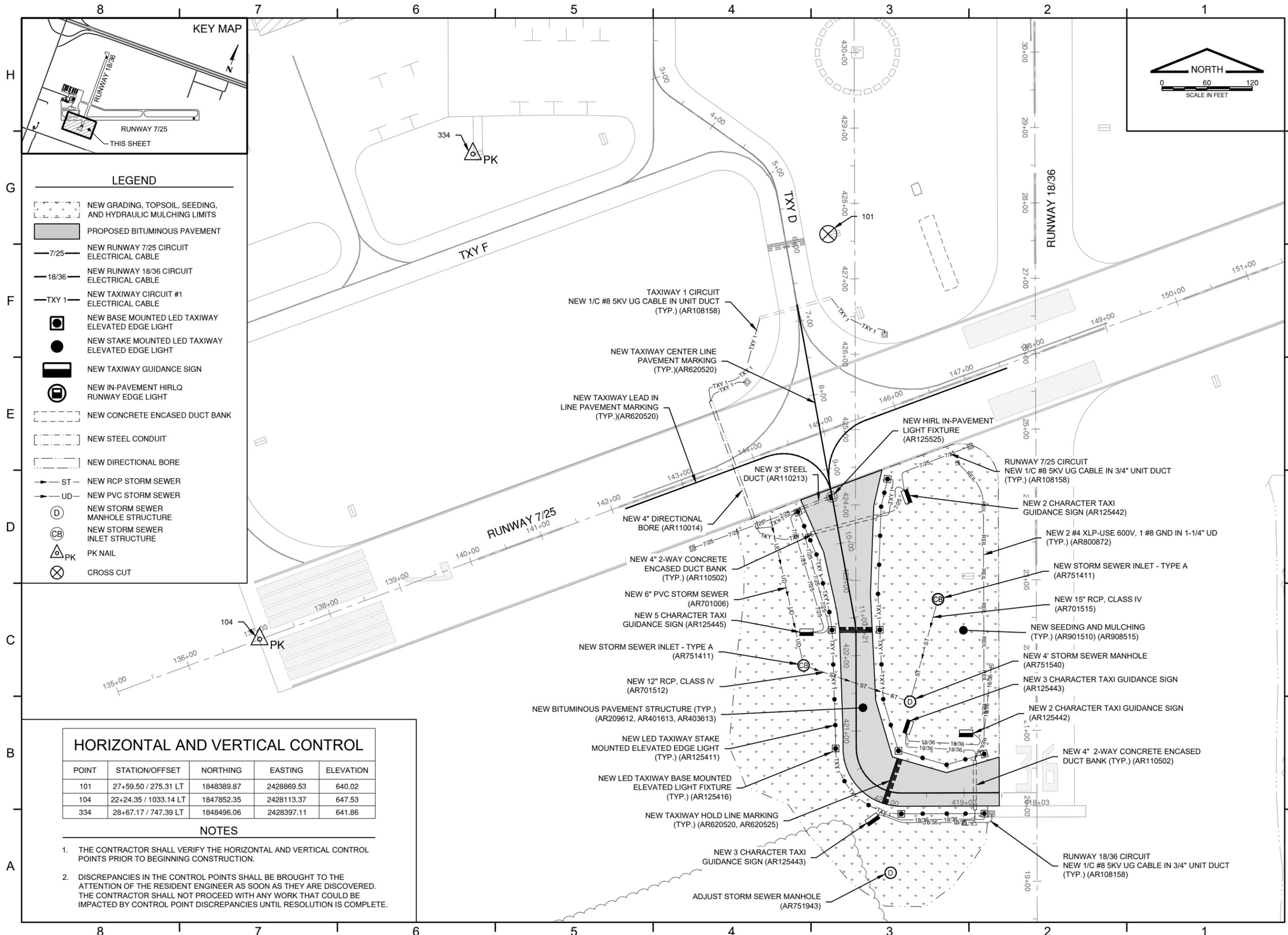
SHEET TITLE:
**SITE PLAN
AND CONTROL**

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **3** REVISION

SHEET 03 OF 26 SHEETS



- LEGEND**
- NEW GRADING, TOPSOIL, SEEDING, AND HYDRAULIC MULCHING LIMITS
 - PROPOSED BITUMINOUS PAVEMENT
 - NEW RUNWAY 7/25 CIRCUIT ELECTRICAL CABLE
 - NEW RUNWAY 18/36 CIRCUIT ELECTRICAL CABLE
 - NEW TAXIWAY CIRCUIT #1 ELECTRICAL CABLE
 - NEW BASE MOUNTED LED TAXIWAY ELEVATED EDGE LIGHT
 - NEW STAKE MOUNTED LED TAXIWAY ELEVATED EDGE LIGHT
 - NEW TAXIWAY GUIDANCE SIGN
 - NEW IN-PAVEMENT HIRLQ RUNWAY EDGE LIGHT
 - NEW CONCRETE ENCASED DUCT BANK
 - NEW STEEL CONDUIT
 - NEW DIRECTIONAL BORE
 - NEW RCP STORM SEWER
 - NEW PVC STORM SEWER
 - NEW STORM SEWER MANHOLE STRUCTURE
 - NEW STORM SEWER INLET STRUCTURE
 - PK NAIL
 - CROSS CUT

HORIZONTAL AND VERTICAL CONTROL

POINT	STATION/OFFSET	NORTHING	EASTING	ELEVATION
101	27+59.50 / 275.31 LT	1848389.87	2428869.53	640.02
104	22+24.35 / 1033.14 LT	1847852.35	2428113.37	647.53
334	28+67.17 / 747.39 LT	1848496.06	2428397.11	641.86

NOTES

1. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL CONTROL POINTS PRIOR TO BEGINNING CONSTRUCTION.
2. DISCREPANCIES IN THE CONTROL POINTS SHALL BE BROUGHT TO THE ATTENTION OF THE RESIDENT ENGINEER AS SOON AS THEY ARE DISCOVERED. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK THAT COULD BE IMPACTED BY CONTROL POINT DISCREPANCIES UNTIL RESOLUTION IS COMPLETE.

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
CONSTRUCT, LIGHT, AND MARK PARALLEL TAXIWAY TO RUNWAY 36 END - SOUTH END CONNECTOR

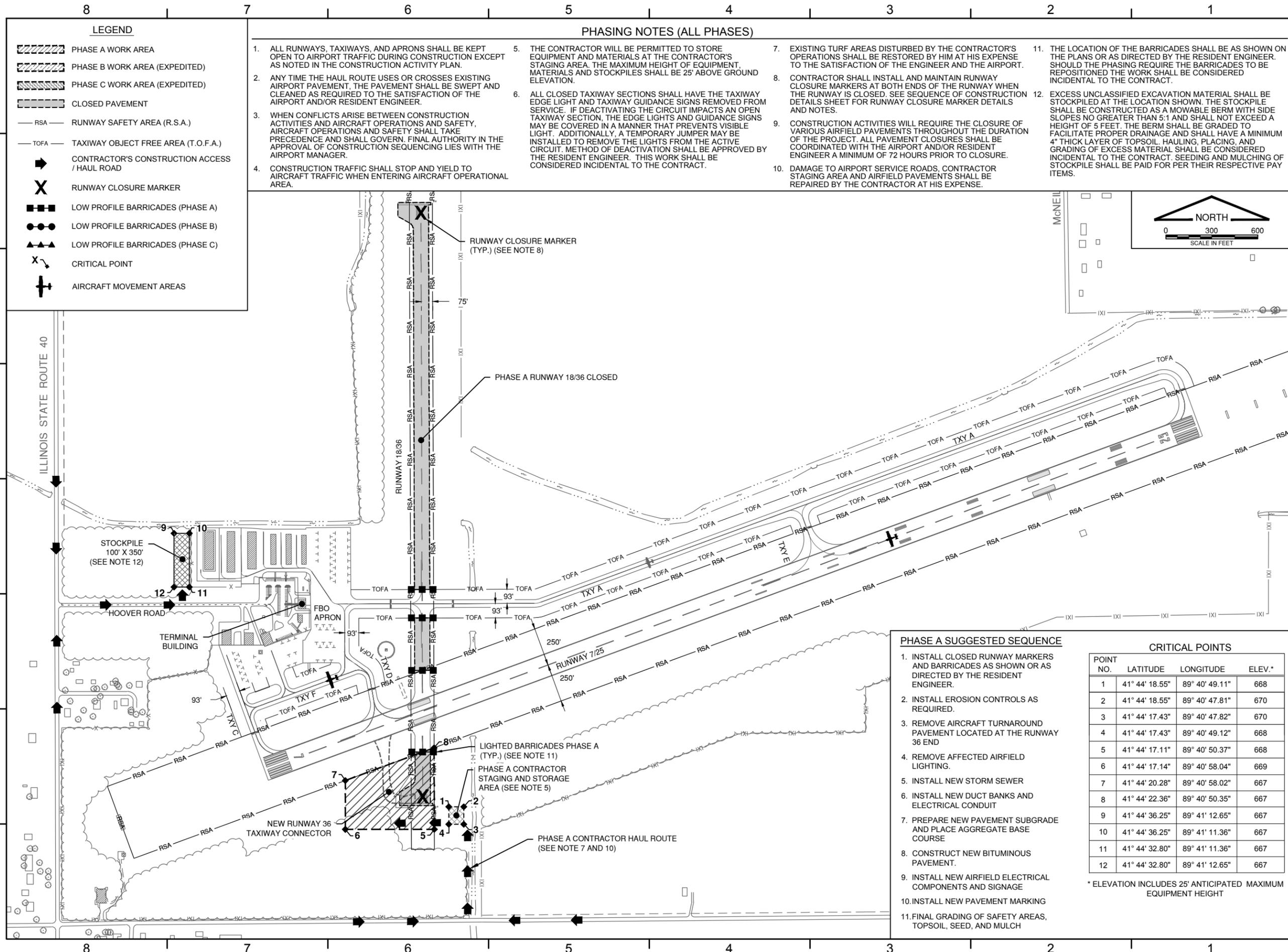
SHEET TITLE:
SEQUENCE OF CONSTRUCTION 1

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **4** REVISION

SHEET 04 OF 26 SHEETS



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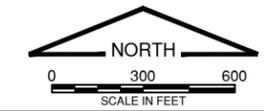
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ILLINOIS STATE ROUTE 40

STOCKPILE
100' X 350'
(SEE NOTE 12)

HOOVER ROAD

TERMINAL BUILDING

FBO APRON

NEW RUNWAY 36
TAXIWAY CONNECTOR

RUNWAY 18/36

PHASE A RUNWAY 18/36 CLOSED

LIGHTED BARRICADES PHASE A
(TYP.) (SEE NOTE 11)

PHASE A CONTRACTOR
STAGING AND STORAGE
AREA (SEE NOTE 5)

PHASE A CONTRACTOR HAUL ROUTE
(SEE NOTE 7 AND 10)

RUNWAY CLOSURE MARKER
(TYP.) (SEE NOTE 8)

RUNWAY 7/25

TXY A

TXY E

TXY D

TXY F

McNEIL

IXI

APPROVED AS WORKING PLAN
BY:

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CONSTRUCT, LIGHT, AND MARK PARALLEL TAXIWAY TO RUNWAY 36 END - SOUTH END CONNECTOR

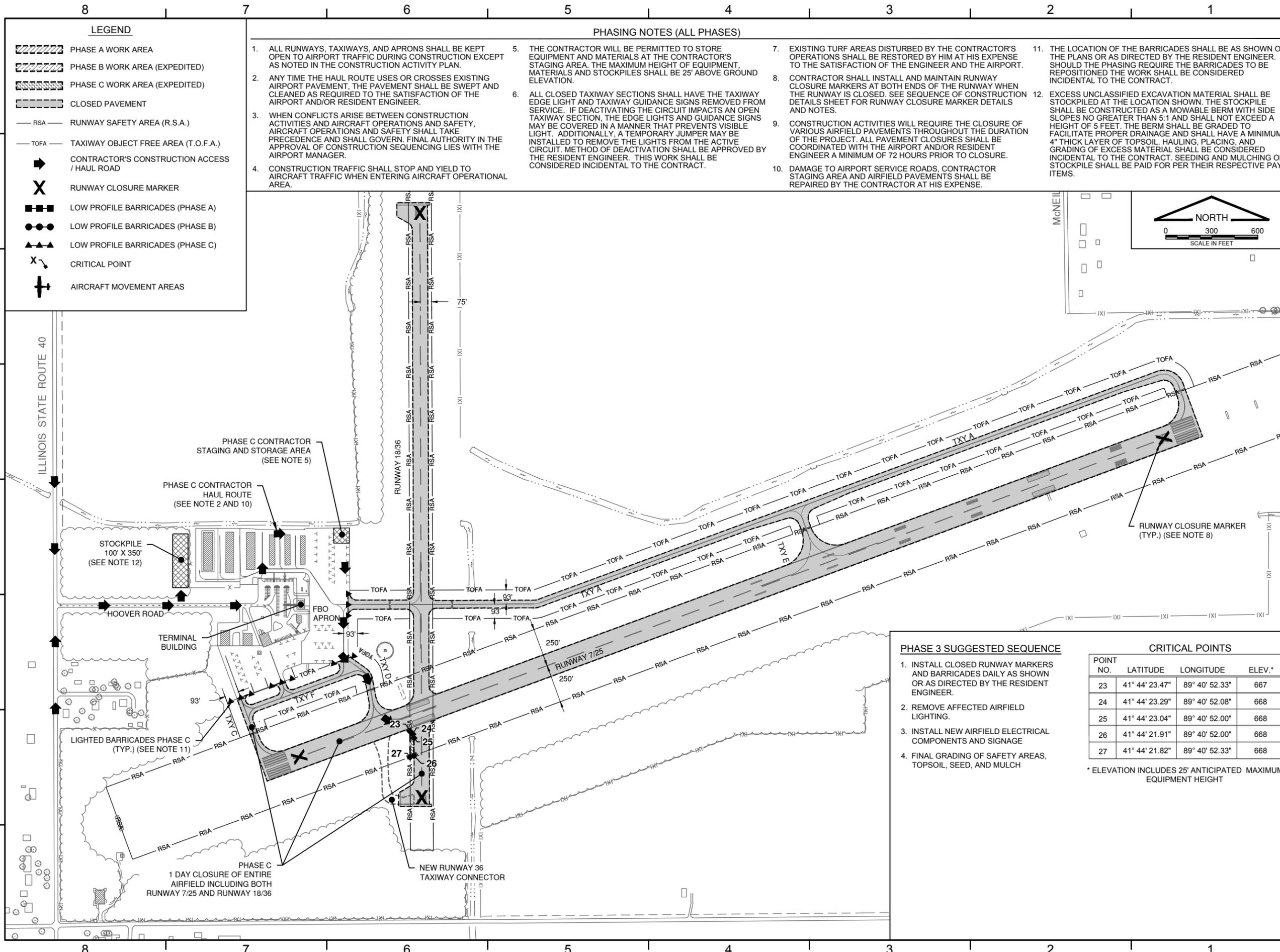
SHEET TITLE:
SEQUENCE OF CONSTRUCTION 3

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **6** REVISION

SHEET 06 OF 26 SHEETS



PHASING NOTES (ALL PHASES)

- ALL RUNWAYS, TAXIWAYS, AND APRONS SHALL BE KEPT OPEN TO AIRPORT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED IN THE CONSTRUCTION ACTIVITY PLAN.
- ANY TIME THE HAUL ROUTE USES OR CROSSES EXISTING AIRPORT PAVEMENT, THE PAVEMENT SHALL BE SWEEPED AND CLEANED AS REQUIRED TO THE SATISFACTION OF THE AIRPORT AND/OR RESIDENT ENGINEER.
- WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRCRAFT OPERATIONS AND SAFETY, AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT MANAGER.
- CONSTRUCTION TRAFFIC SHALL STOP AND YIELD TO AIRCRAFT TRAFFIC WHEN ENTERING AIRCRAFT OPERATIONAL AREA.
- THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIALS AT THE CONTRACTOR'S STAGING AREA. THE MAXIMUM HEIGHT OF EQUIPMENT, MATERIALS AND STOCKPILES SHALL BE 25' ABOVE GROUND ELEVATION.
- ALL CLOSED TAXIWAY SECTIONS SHALL HAVE THE TAXIWAY EDGE LIGHT AND TAXIWAY GUIDANCE SIGNS REMOVED FROM SERVICE. IF DEACTIVATING THE CIRCUIT IMPACTS AN OPEN TAXIWAY SECTION, THE EDGE LIGHTS AND GUIDANCE SIGNS MAY BE COVERED IN A MANNER THAT PREVENTS VISIBLE LIGHT. ADDITIONALLY, A TEMPORARY JUMPER MAY BE INSTALLED TO REMOVE THE LIGHTS FROM THE ACTIVE CIRCUIT. METHOD OF DEACTIVATION SHALL BE APPROVED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- EXISTING TURF AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY HIM AT HIS EXPENSE TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT.
- CONTRACTOR SHALL INSTALL AND MAINTAIN RUNWAY CLOSURE MARKERS AT BOTH ENDS OF THE RUNWAY WHEN THE RUNWAY IS CLOSED. SEE SEQUENCE OF CONSTRUCTION DETAILS SHEET FOR RUNWAY CLOSURE MARKER DETAILS AND NOTES.
- CONSTRUCTION ACTIVITIES WILL REQUIRE THE CLOSURE OF VARIOUS AIRFIELD PAVEMENTS THROUGHOUT THE DURATION OF THE PROJECT. ALL PAVEMENT CLOSURES SHALL BE COORDINATED WITH THE AIRPORT AND/OR RESIDENT ENGINEER A MINIMUM OF 72 HOURS PRIOR TO CLOSURE.
- DAMAGE TO AIRPORT SERVICE ROADS, CONTRACTOR STAGING AREA AND AIRFIELD PAVEMENTS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- THE LOCATION OF THE BARRICADES SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. SHOULD THE PHASING REQUIRE THE BARRICADES TO BE REPOSITIONED THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- EXCESS UNCLASSIFIED EXCAVATION MATERIAL SHALL BE STOCKPILED AT THE LOCATION SHOWN. THE STOCKPILE SHALL BE CONSTRUCTED AS A MOWABLE BERM WITH SIDE SLOPES NO GREATER THAN 5:1 AND SHALL NOT EXCEED A HEIGHT OF 5 FEET. THE BERM SHALL BE GRADED TO FACILITATE PROPER DRAINAGE AND SHALL HAVE A MINIMUM 4" THICK LAYER OF TOPSOIL. HAULING, PLACING, AND GRADING OF EXCESS MATERIAL SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEEDING AND MULCHING OF STOCKPILE SHALL BE PAID FOR PER THEIR RESPECTIVE PAY ITEMS.

PHASE 3 SUGGESTED SEQUENCE

- INSTALL CLOSED RUNWAY MARKERS AND BARRICADES DAILY AS SHOWN OR AS DIRECTED BY THE RESIDENT ENGINEER.
- REMOVE AFFECTED AIRFIELD LIGHTING.
- INSTALL NEW AIRFIELD ELECTRICAL COMPONENTS AND SIGNAGE
- FINAL GRADING OF SAFETY AREAS, TOPSOIL, SEED, AND MULCH

CRITICAL POINTS

POINT NO.	LATITUDE	LONGITUDE	ELEV.*
23	41° 44' 23.47"	89° 40' 52.33"	667
24	41° 44' 23.29"	89° 40' 52.08"	668
25	41° 44' 23.04"	89° 40' 52.00"	668
26	41° 44' 21.91"	89° 40' 52.00"	668
27	41° 44' 21.82"	89° 40' 52.33"	668

* ELEVATION INCLUDES 25' ANTICIPATED MAXIMUM EQUIPMENT HEIGHT

APPROVED AS WORKING PLAN BY:

REV	DATE	DESCRIPTION

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CONSTRUCT, LIGHT, AND MARK PARALLEL TAXIWAY TO RUNWAY 36 END - SOUTH END CONNECTOR

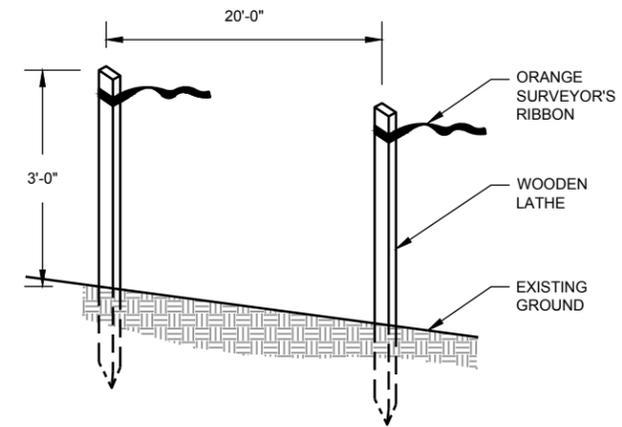
SHEET TITLE:
SEQUENCE OF CONSTRUCTION DETAILS

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **8** REVISION

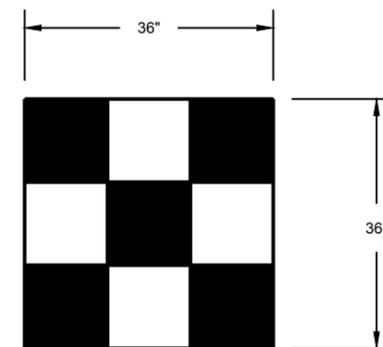
SHEET 08 OF 26 SHEETS



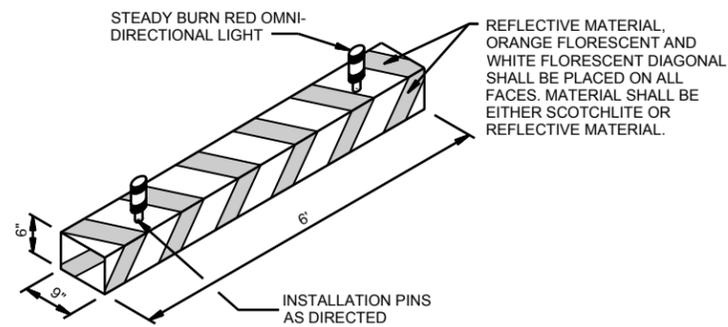
CONSTRUCTION SETBACK LINE DETAIL
NOT TO SCALE

CONSTRUCTION SETBACK NOTES

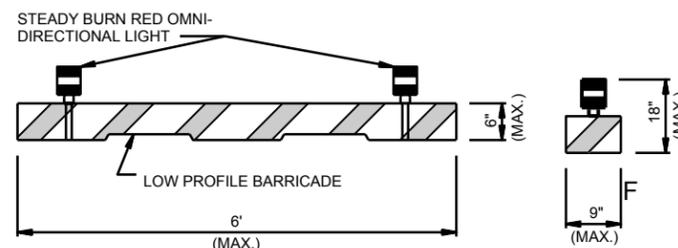
1. CONTRACTOR SHALL MARKER THE RUNWAY SAFETY AREA AND TAXIWAY OBJECT FREE AREA PER THE CONSTRUCTION SETBACK LINE DETAIL AS DIRECTED BY THE ENGINEER.
2. ALL COST ASSOCIATED WITH THE CONSTRUCTION SETBACK LINE SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.



CONSTRUCTION EQUIPMENT AND TRUCK SIGNAL FLAG
NOT TO SCALE



ISOMETRIC



FRONT ELEVATION

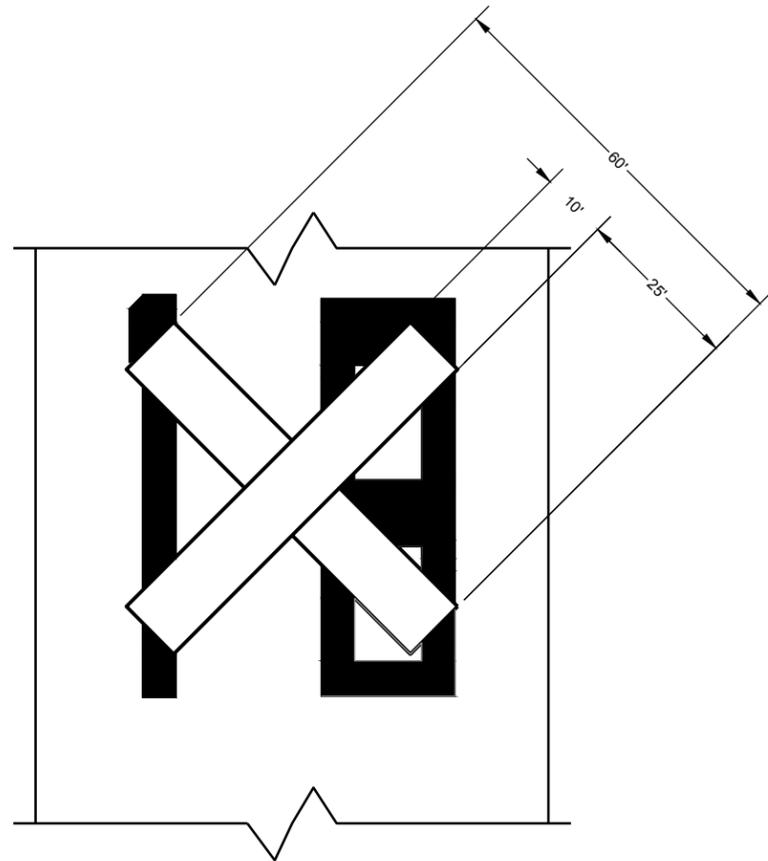
SIDE ELEVATION

INTERLOCKING LOW PROFILE BARRICADE DETAILS

NOT TO SCALE

INTERLOCKING LOW PROFILE BARRICADE NOTES

1. LOW PROFILE BARRICADES SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE BARRICADES SHALL BE INTERLOCKED WITH NO GAPS BETWEEN BARRICADES.
2. BARRICADES SHALL BE WEIGHTED TO WITHSTAND DISPLACEMENT BY JET OR PROP BLAST.
2. THE BARRICADE LINE SHALL EXTEND ONE BARRICADE PAST THE EDGE OF PAVEMENT INTO THE TURF.
4. FACING OF BARRICADE SHALL BE COVERED WITH REFLECTIVE TAPE OR PAINT.
5. BARRICADES SHALL BE OF LOW MASS, EASILY COLLAPSIBLE UPON CONTACT WITH AN AIRCRAFT OR ANY OF IT'S COMPONENTS, AND WEIGHTED OR STURDILY ATTACHED TO THE SURFACE. IF AFFIXED TO THE SURFACE, THE BARRICADE MUST BE FRANGIBLE AT GRADE LEVEL OR AS LOW POSSIBLE, BUT NOT TO EXCEED 3 INCHES ABOVE THE GROUND.
6. ALL COST ASSOCIATED WITH THE LOW PROFILE BARRICADES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.



CLOSED RUNWAY MARKER DETAIL

ON PAVEMENT - NO SCALE

RUNWAY CLOSURE MARKERS NOTES

1. CLOSED RUNWAY MARKERS SHALL BE YELLOW.
2. MARKERS SHALL BE A MATERIAL APPROVED BY THE RESIDENT ENGINEER.
3. CONTRACTOR SHALL MAINTAIN AND RELOCATE MARKERS AS DIRECTED BY THE RESIDENT ENGINEER.
4. MARKERS SHALL BE PLACED OVER EXISTING RUNWAY NUMERALS AS SHOWN.
5. COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING MARKERS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
6. DURING VARIOUS PHASES OF WORK, IT WILL BE NECESSARY TO CLOSE RUNWAYS TO AIR TRAFFIC ON A TEMPORARY BASIS AS COORDINATED WITH THE AIRPORT. THE CONTRACTOR SHALL MARK THE RUNWAYS TO BE CLOSED BY PLACING A YELLOW CROSS AT THE LOCATION AND DIMENSIONS DETAILED ON THIS SHEET. THE CROSSES ARE SHOWN ON THE RESPECTIVE RUNWAYS ACCORDING TO THE VARIOUS PHASES OF WORK AS DELINEATED IN THE SUGGESTED SEQUENCE OF CONSTRUCTION.

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
**CONSTRUCT, LIGHT, AND
MARK PARALLEL TAXIWAY
TO RUNWAY 36 END -
SOUTH END CONNECTOR**

SHEET TITLE:

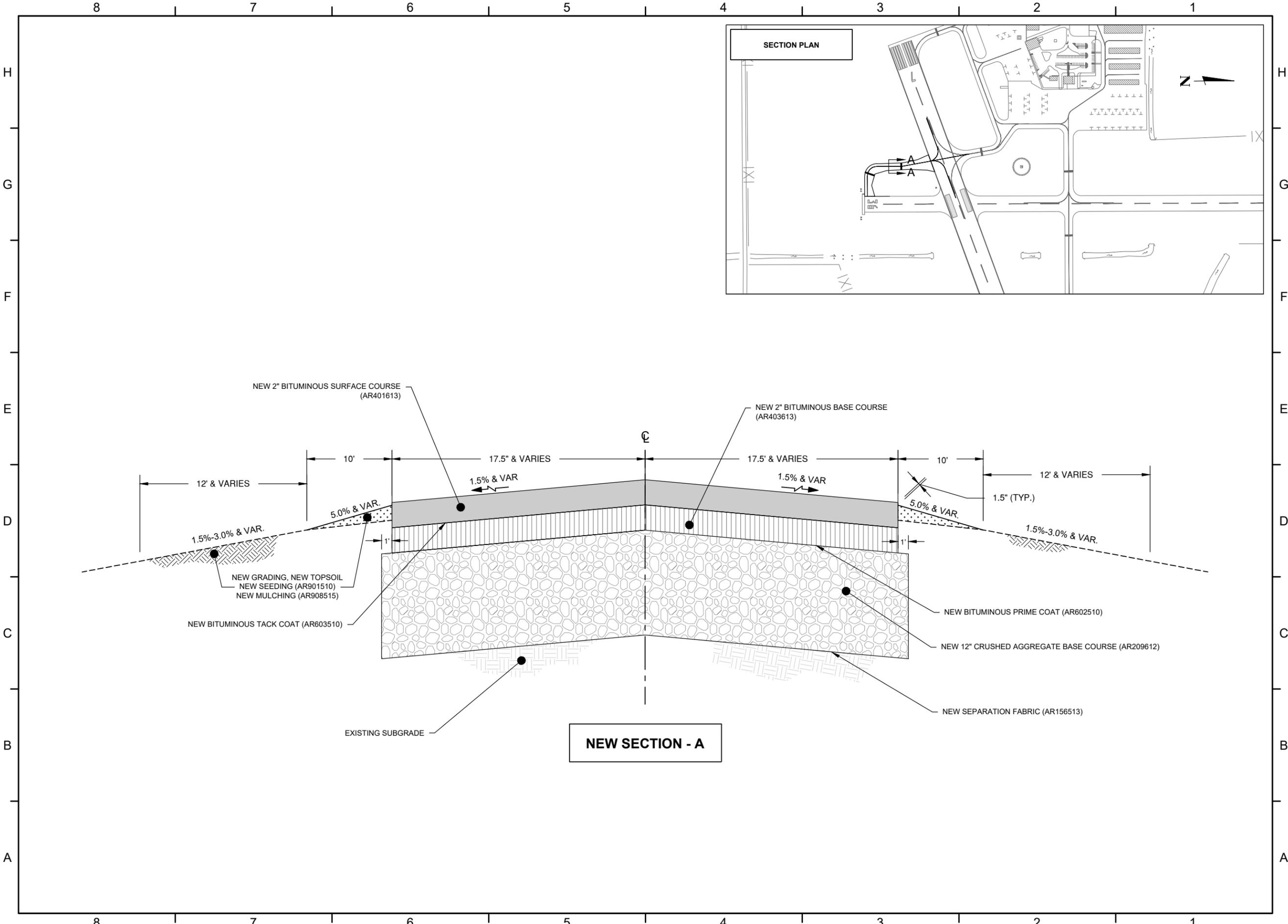
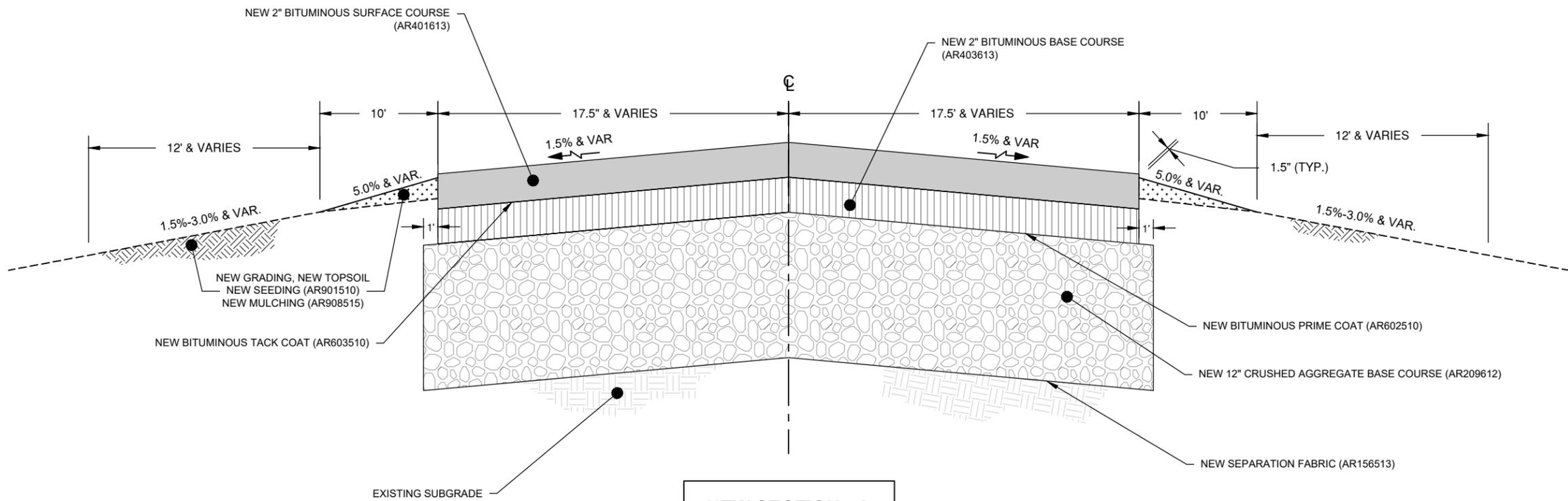
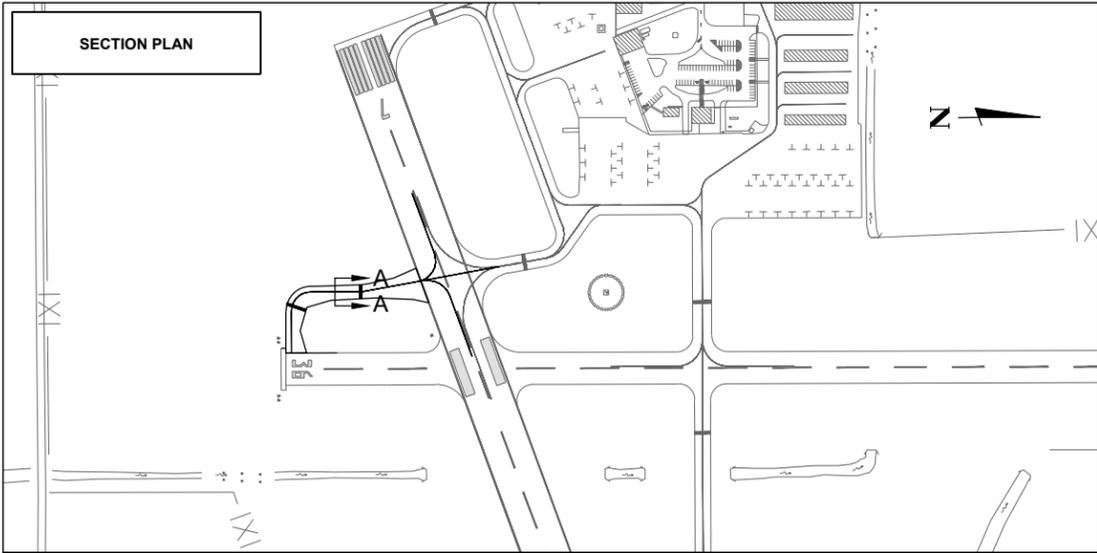
TYPICAL SECTION

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **9** REVISION

SHEET 09 OF 26 SHEETS



WH016

WHITESIDE
COUNTY AIRPORT
STERLING/ROCK FALLS, IL

WHITESIDE COUNTY
AIRPORT BOARD

SBG Proj: 3-17-SBGP-171
IL Proj: SQI-4895

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**CONSTRUCT, LIGHT, AND
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TO RUNWAY 36 END -
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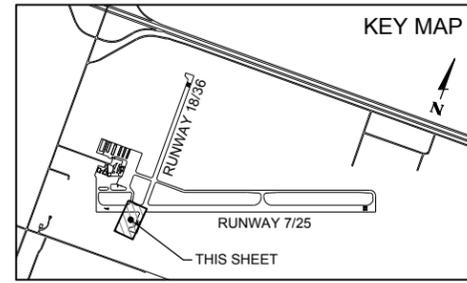
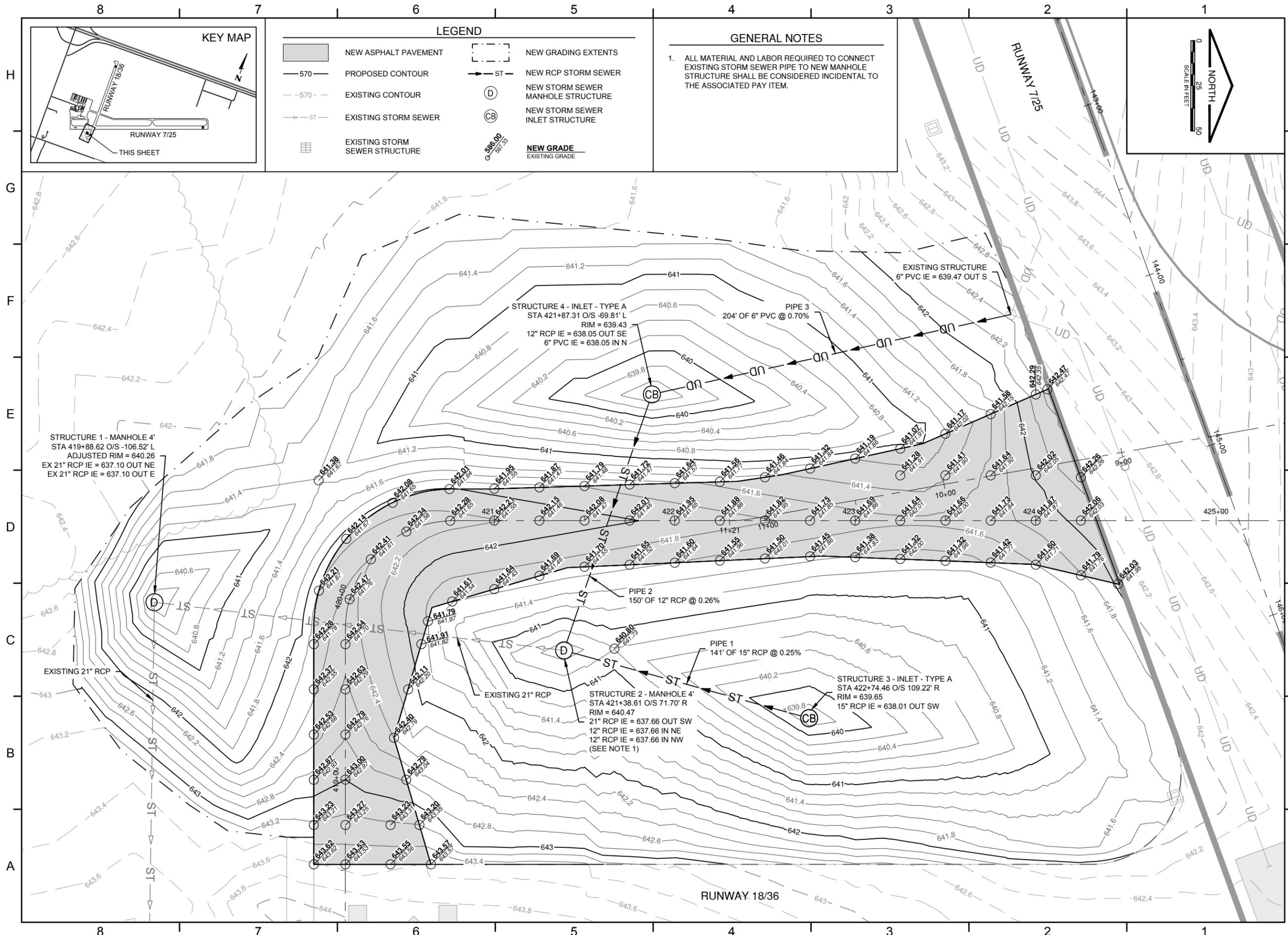
SHEET TITLE:
**GRADING AND
STORM SEWER PLAN**

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **12** REVISION

SHEET 12 OF 26 SHEETS

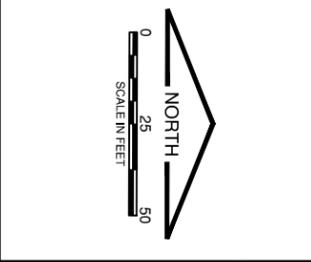


LEGEND

	NEW ASPHALT PAVEMENT		NEW GRADING EXTENTS
	PROPOSED CONTOUR		NEW RCP STORM SEWER
	EXISTING CONTOUR		NEW STORM SEWER MANHOLE STRUCTURE
	EXISTING STORM SEWER		NEW STORM SEWER INLET STRUCTURE
	EXISTING STORM SEWER STRUCTURE		NEW GRADE
			EXISTING GRADE

GENERAL NOTES

- ALL MATERIAL AND LABOR REQUIRED TO CONNECT EXISTING STORM SEWER PIPE TO NEW MANHOLE STRUCTURE SHALL BE CONSIDERED INCIDENTAL TO THE ASSOCIATED PAY ITEM.



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BY:

REV	DATE	DESCRIPTION

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MARK PARALLEL TAXIWAY
TO RUNWAY 36 END -
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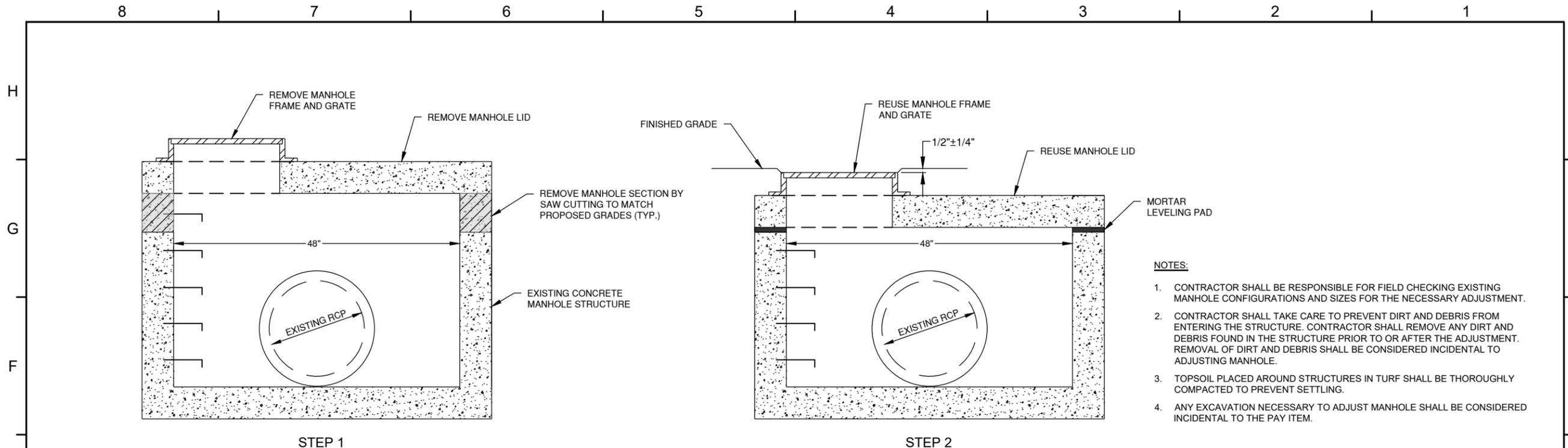
SHEET TITLE:
STORM SEWER DETAILS

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

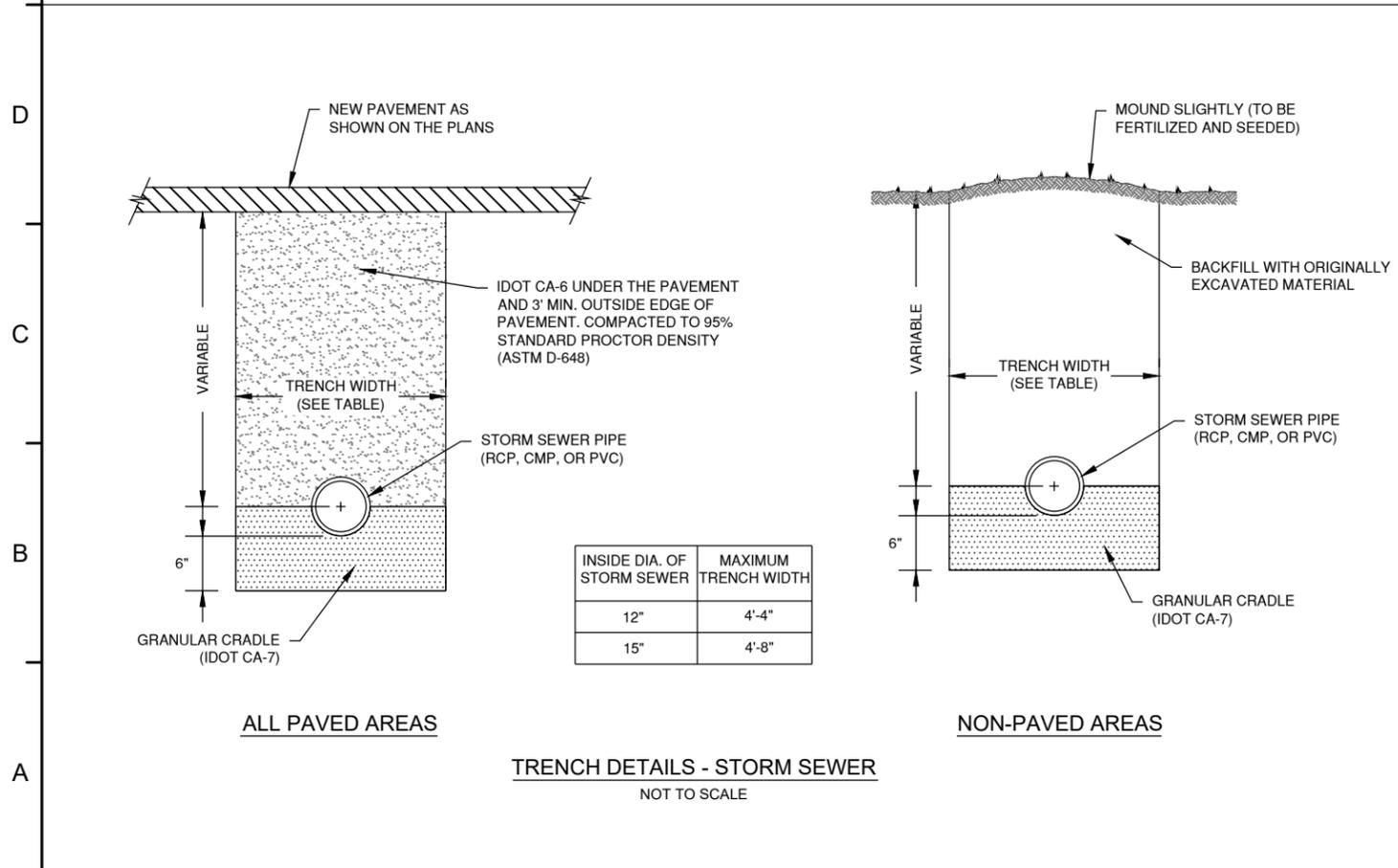
PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **13** REVISION

SHEET 13 OF 26 SHEETS



- NOTES:**
1. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD CHECKING EXISTING MANHOLE CONFIGURATIONS AND SIZES FOR THE NECESSARY ADJUSTMENT.
 2. CONTRACTOR SHALL TAKE CARE TO PREVENT DIRT AND DEBRIS FROM ENTERING THE STRUCTURE. CONTRACTOR SHALL REMOVE ANY DIRT AND DEBRIS FOUND IN THE STRUCTURE PRIOR TO OR AFTER THE ADJUSTMENT. REMOVAL OF DIRT AND DEBRIS SHALL BE CONSIDERED INCIDENTAL TO ADJUSTING MANHOLE.
 3. TOPSOIL PLACED AROUND STRUCTURES IN TURF SHALL BE THOROUGHLY COMPACTED TO PREVENT SETTLING.
 4. ANY EXCAVATION NECESSARY TO ADJUST MANHOLE SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM.



NAME	OUTLET STRUCTURE	OUTLET INVERT	INTAKE INVERT	INTAKE STRUCTURE	LENGTH (FOOT)	SLOPE	SIZE AND TYPE
PIPE 1	STRUCTURE 2	637.66	638.01	STRUCTURE 3	141	0.25%	15" RCP, CLASS IV
PIPE 2	STRUCTURE 3	637.66	638.05	STRUCTURE 4	150	0.26%	12" RCP, CLASS IV
PIPE 3	STRUCTURE 4	638.05	639.47	EXISTING STRUCTURE	204	0.70%	6" PVC

NAME	SIZE	STATION	OFFSET	RIM	NORTHING	EASTING	FRAME AND GRATE
STRUCTURE 1*	4' MANHOLE	419+88.62	106.52' L	640.26	1847542.27	2428952.61	REUSE EXISTING FRAME AND GRATE
STRUCTURE 2	4' MANHOLE	421+38.61	71.70' R	640.47	1847769.32	2428978.47	NEENAH R-1792-FG
STRUCTURE 3	INLET - TYPE A	422+74.46	109.22' R	639.65	1847905.28	2429015.57	NEENAH R-2565A
STRUCTURE 4	INLET - TYPE A	421+87.31	69.81' L	639.43	1847817.58	2428836.82	NEENAH R-2565A

- *EXISTING STRUCTURE TO BE ADJUSTED
- STORM SEWER STRUCTURE NOTES:**
1. ALL STRUCTURES AND INLETS SHALL BE CONSTRUCTED AND SUPPLIED PER ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD DETAILS.
 2. ALL DRAINAGE FRAME AND GRATES SHALL BE AS SPECIFIED IN THE TABLE ABOVE OR AN APPROVED EQUAL.

WH016

WHITESIDE
COUNTY AIRPORT
STERLING/ROCK FALLS, IL

WHITESIDE COUNTY
AIRPORT BOARD

SBG Proj: 3-17-SBGP-171
IL Proj: SQI-4895

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
**CONSTRUCT, LIGHT, AND
MARK PARALLEL TAXIWAY
TO RUNWAY 36 END -
SOUTH END CONNECTOR**

SHEET TITLE:

LIGHTING PLAN

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

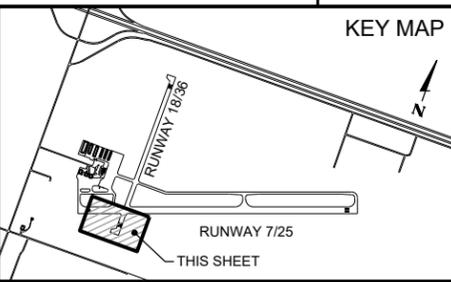
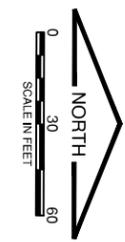
PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **14** REVISION

SHEET 14 OF 26 SHEETS

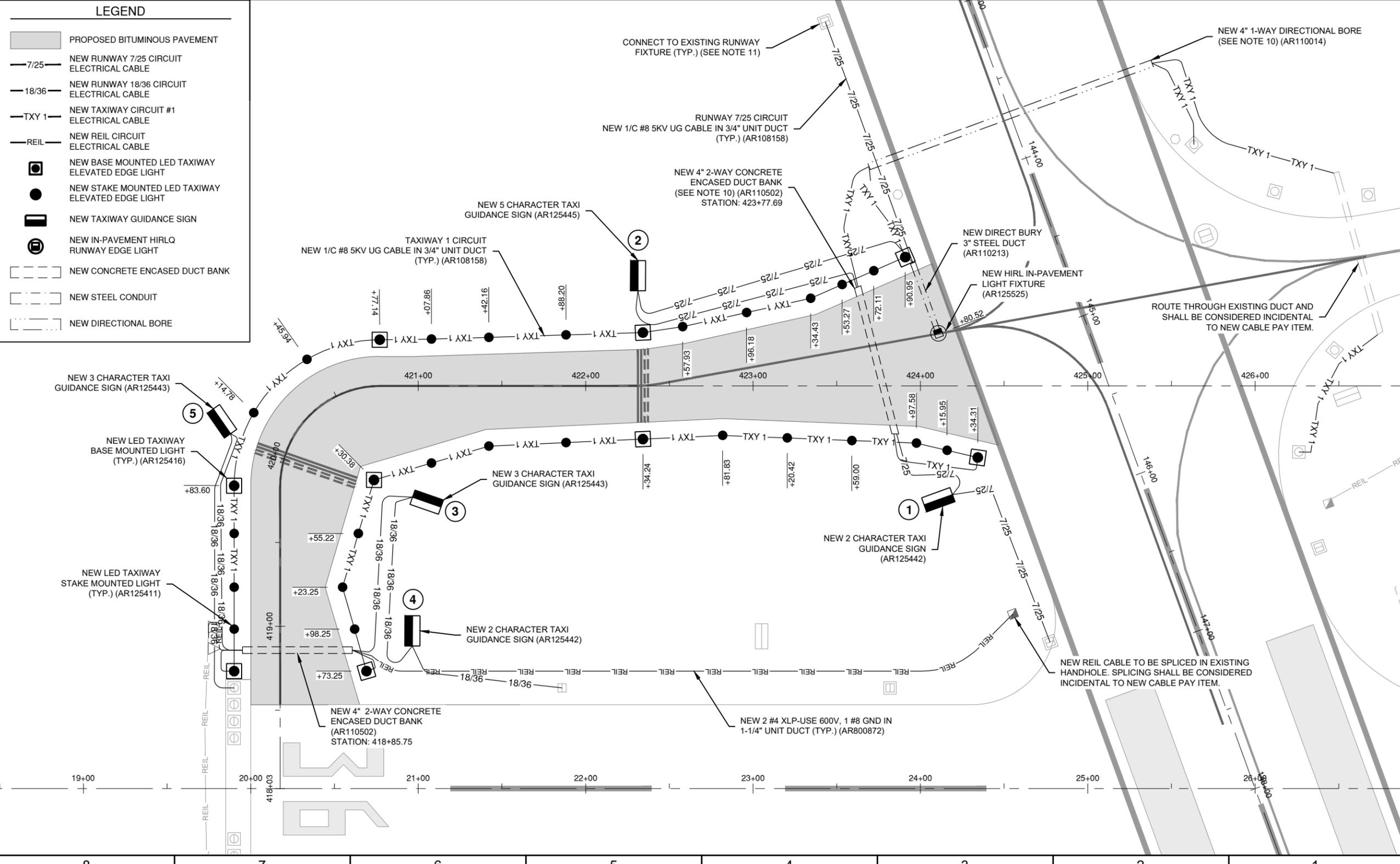
GENERAL NOTES

- EXISTING LIGHTS, GUIDANCE SIGNS, AND AIRFIELD CIRCUITS, OTHER THAN THOSE INDICATED FOR REMOVAL, ARE TO BE PROTECTED FROM DAMAGE AND REMAIN OPERATIONAL. CONTRACTOR IS TO REPAIR ALL DAMAGED EQUIPMENT AND CIRCUITS AT HIS EXPENSE.
- LIGHT FIXTURES, LAMPS AND TRANSFORMERS TO BE REMOVED SHALL BE TURNED OVER TO AIRPORT MAINTENANCE. LIGHT BASES AND SIGN FOUNDATIONS SHALL BE DISPOSED OF OFF AIRPORT PROPERTY.
- WHEN POSSIBLE, CONTRACTOR SHALL REMOVE EXISTING CABLES FROM ALL ITEMS TO BE REMOVED. COST SHALL BE INCIDENTAL TO THE CONTRACT.
- ALL LIGHT BASES AND SIGN FOUNDATIONS REMOVED OR RELOCATED SHALL BE BACKFILLED IN ACCORDANCE WITH THE SPECIFICATIONS. COST OF BACKFILL SHALL BE INCIDENTAL TO THE ASSOCIATED PAY ITEM.
- ANY TEMPORARY CABLING REQUIRED FOR THIS PROJECT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- CIRCUITS ROUTED THROUGH EXISTING CONDUITS SHALL BE CABLE IN UNIT DUCT UNLESS OTHERWISE NOTED.
- ALL EDGE LIGHTS SHALL BE OFFSET 10' FROM THE EDGE OF RUNWAY AND TAXIWAY PAVEMENT.
- SYMBOLS FOR NEW LIGHTS AND TAXIWAY GUIDANCE SIGNS ARE ENLARGED FOR CLARITY.
- FOR CLARITY, UNDERGROUND UTILITIES ARE NOT SHOWN. REFER TO EXISTING CONDITION SHEETS FOR UTILITIES LOCATION. CONTRACTOR IS RESPONSIBLE TO LOCATE ALL UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING EQUIPMENT OR UTILITIES DUE TO CONTRACTOR NEGLIGENCE SHALL BE REPAIRED IMMEDIATELY AT HIS EXPENSE.
- ALL NEW DUCT BANKS AND STEEL DUCT TO EXTEND 5' BEYOND EDGE OF PAVEMENT. NEW DIRECTIONAL BORES SHALL EXTEND 15' BEYOND EDGE OF PAVEMENT.
- CONNECTING NEW CONDUIT AND CABLE TO EXISTING LIGHT CANS SHALL BE CONSIDERED INCIDENTAL TO THE CONDUIT INSTALLATION.



LEGEND

- PROPOSED BITUMINOUS PAVEMENT
- 7/25 NEW RUNWAY 7/25 CIRCUIT ELECTRICAL CABLE
- 18/36 NEW RUNWAY 18/36 CIRCUIT ELECTRICAL CABLE
- TXY 1 NEW TAXIWAY CIRCUIT #1 ELECTRICAL CABLE
- REIL NEW REIL CIRCUIT ELECTRICAL CABLE
- NEW BASE MOUNTED LED TAXIWAY ELEVATED EDGE LIGHT
- NEW STAKE MOUNTED LED TAXIWAY ELEVATED EDGE LIGHT
- NEW TAXIWAY GUIDANCE SIGN
- NEW IN-PAVEMENT HIRLQ RUNWAY EDGE LIGHT
- NEW CONCRETE ENCASED DUCT BANK
- NEW STEEL CONDUIT
- NEW DIRECTIONAL BORE



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APPROVED AS WORKING PLAN BY:

REV	DATE	DESCRIPTION

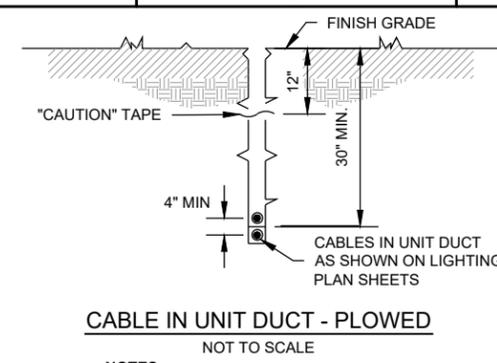
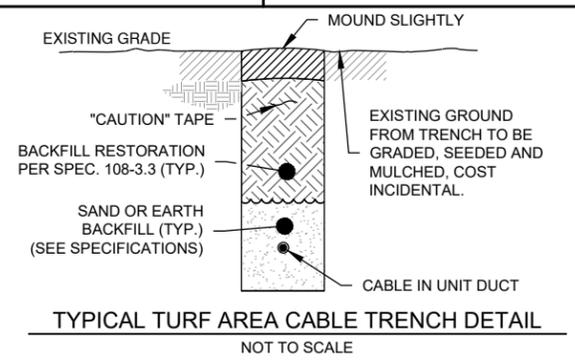
PROJECT NAME:
CONSTRUCT, LIGHT, AND MARK PARALLEL TAXIWAY TO RUNWAY 36 END - SOUTH END CONNECTOR

SHEET TITLE:
ELECTRICAL DETAILS 1

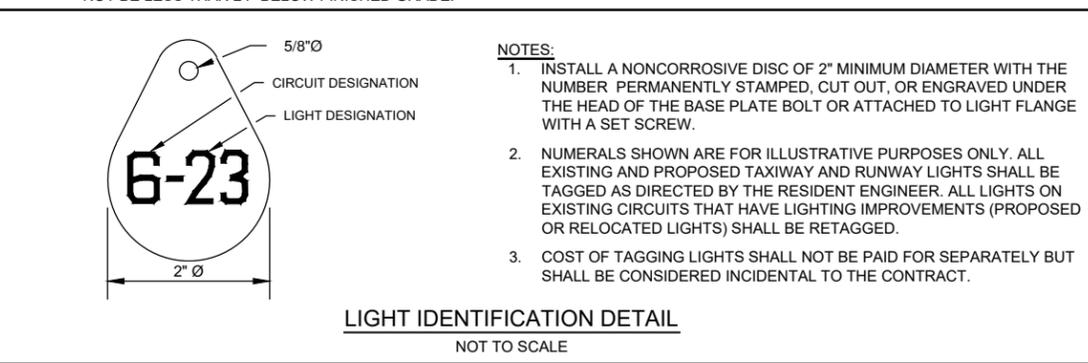
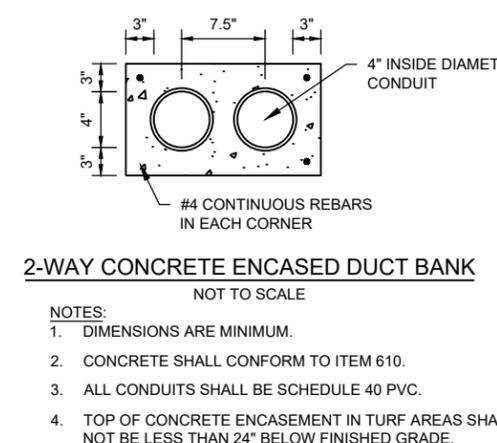
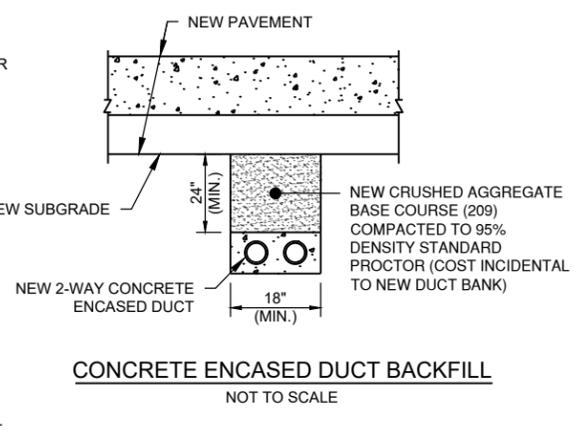
DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

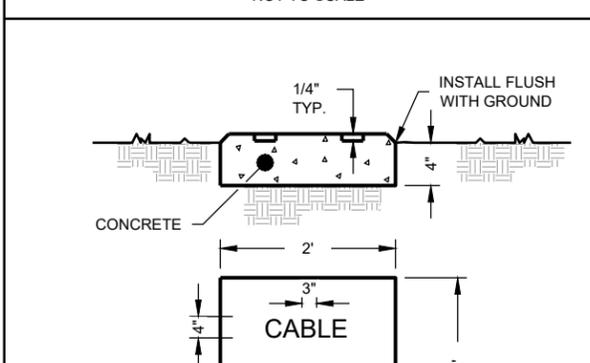
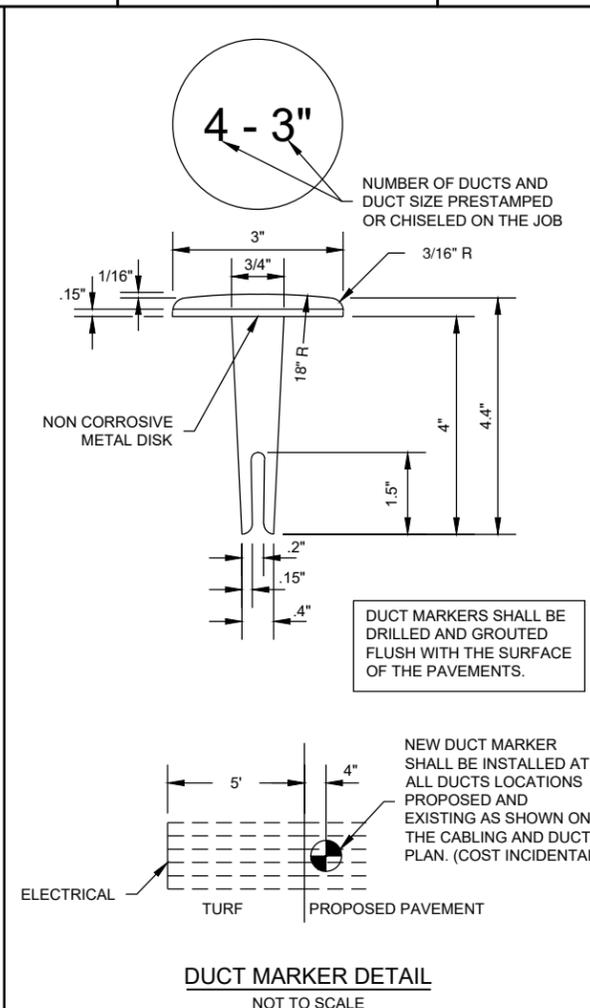
SHEET NO. **15** REVISION



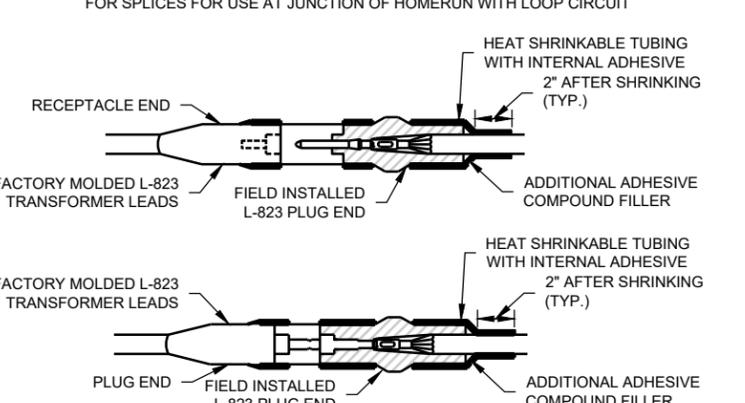
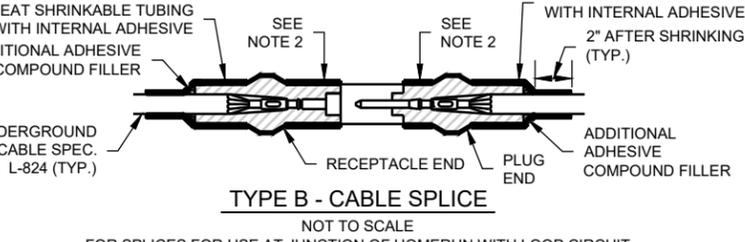
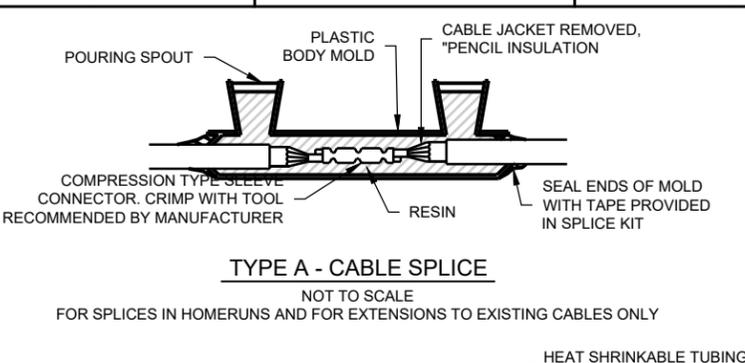
- NOTES:**
- CONTRACTOR SHALL HAVE THE OPTION TO TRENCH OR PLOW UNIT DUCT. NO ADDITIONAL PAYMENT SHALL BE MADE FOR TRENCHING.
 - TRENCHES WITH MORE THAN 2 CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE. IF SPECIFIED ON PLANS, TWO PARALLEL TRENCHES MAY BE CONSTRUCTED.
 - DEPTH OF TRENCHES SHALL BE AS SHOWN UNLESS OTHERWISE SPECIFIED ON THE PLANS.
 - SAND BACKFILL SHALL BE USED IF THE EXISTING SOIL DOES NOT MEET THE BACKFILL REQUIREMENTS.
 - ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, COST INCLUDED IN THE CABLE.



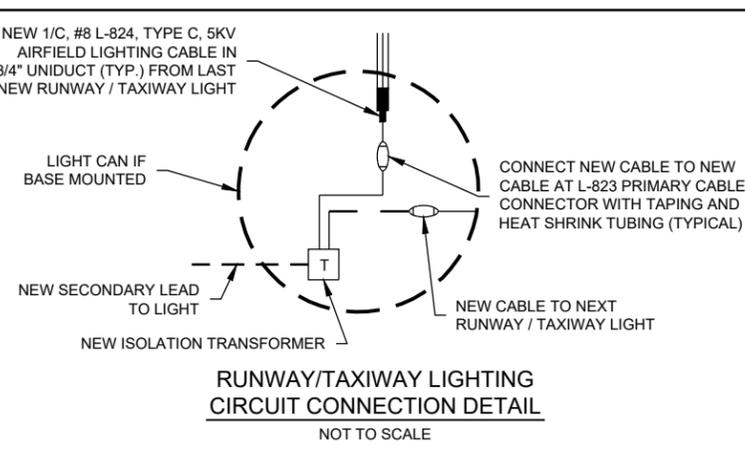
- GENERAL NOTES:**
- THE CONCRETE BASE FOR BASE MTD. LIGHTS AND SIGNS SHALL BE TROWEL FINISHED WITH A 45° BEVELED EDGE. SLOPE TO DRAIN (ITEM 610).
 - TRANSFORMER HOLDER SHALL BE ANY COMMERCIALY AVAILABLE BRICK.
 - BREAKING GROOVE COUPLINGS SHALL NOT BE OVER 1" ABOVE GROUND LINE.
 - ISOLATION TRANSFORMERS COME WITH A FACTORY INSTALLED PLUG (TYPE 1, CLASS A, STYLE 2) AND RECEPTACLE (TYPE 1, CLASS A, STYLE 9). A TYPE 1, CLASS B, STYLE 3 PLUG AND TYPE 1, CLASS B, STYLE 10 RECEPTACLE SHALL BE INSTALLED ON THE 1/C, No. 8, 5000 V., L-824 TYPE C CABLES FOR CONNECTION TO EACH TRANSFORMER.
 - TO FURTHER REDUCE THE POSSIBILITY OF WATER/MOISTURE ENTRANCE INTO THE CONNECTOR BETWEEN THE CABLE AND THE FIELD ATTACHED CONNECTOR, IT IS REQUIRED THAT A HEAT SHRINKABLE TUBING WITH INTERNAL ADHESIVE BE APPLIED OVER THE ENTIRE CABLE CONNECTOR.
 - ALL SIGNS, LIGHTS, CABLES AND TRANSFORMERS TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE AIRPORT. AT THE DISCRETION OF THE AIRPORT DIRECTOR, THE CONTRACTOR MAY BE REQUIRED TO DISPOSE OF THESE MATERIALS OFFSITE.
 - ALL RUNWAY/TAXIWAY EDGE LIGHTS SHALL HAVE 1.5" DIA. COLUMN AND FRANGIBLE COUPLINGS, UNLESS NOTED OTHERWISE.
 - INSTALL SAFETY GROUND TO EXISTING SIGNS AND L-867 CANS. ATTACH GROUND LUG TO EXISTING CAN AND INSTALL GROUND ROD AS SHOWN ON PLANS.
 - DUCT MARKER SHALL BE INSTALLED AT EVERY NEW DUCT AND AT EVERY EXISTING DUCT USED FOR THIS PROJECT.
 - LAMP FOR FIXTURES SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS. ISOLATION TRANSFORMERS SHALL BE SIZED PER THE FIXTURE MANUFACTURER, 6.6 AMP.



- NOTES:**
- CABLE MARKERS SHALL BE INSTALLED AT ALL BENDS AND EVERY 200' ALONG THE CABLE RUN.
 - ITEM 610 CONCRETE SHALL BE USED.
 - ALL EXPOSED EDGES SHALL BE EDGED WITH A 1/4" RADIUS TOOL.
 - THE COST OF FURNISHING AND INSTALLING NEW MARKERS SHALL BE INCIDENTAL TO THE ASSOCIATED CABLE ITEMS.
 - 0.049 CU. YD. CONCRETE PER MARKER.



- CABLE SPLICE NOTES:**
- INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE.
 - WRAP WITH AT LEAST ONE LAYER OF RUBBER OR SYNTHETIC RUBBER TAPE AND ONE LAYER OF PLASTIC TAPE, ONE-HALF LAPPED, EXTENDING AT LEAST 1-1/2 INCHES ON EACH SIDE OF JOINT.
 - THE COST OF FURNISHING AND INSTALLING ALL SPLICE MATERIALS SHALL BE INCIDENTAL TO THE ASSOCIATED CABLE ITEMS.
 - THE CONTRACTOR SHALL HAVE A MINIMUM OF TWO (2) TYPE A SPLICE KITS ON THE JOB SITE AT ALL TIMES FOR EMERGENCY REPAIRS.
 - THE CONTRACTOR MAY ELECT TO USE AN FAA APPROVED PRIMARY CONNECTOR KIT IN LIEU OF HEAT SHRINK KIT AT NO ADDITIONAL COST.



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APPROVED AS WORKING PLAN BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
CONSTRUCT, LIGHT, AND MARK PARALLEL TAXIWAY TO RUNWAY 36 END - SOUTH END CONNECTOR

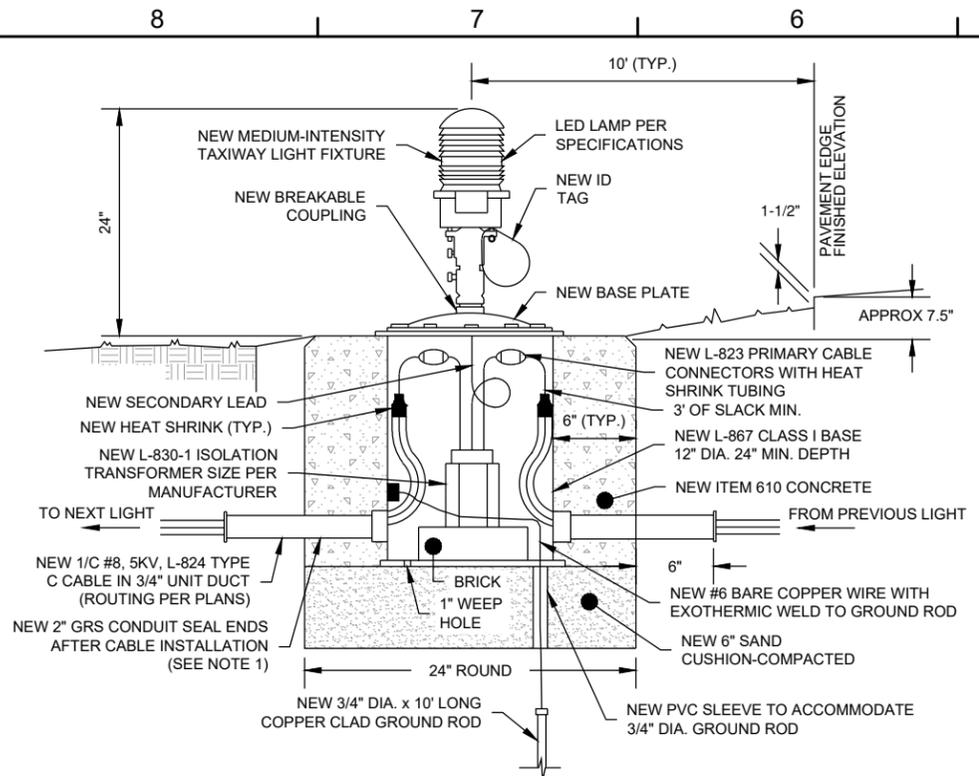
SHEET TITLE:
ELECTRICAL DETAILS 2

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

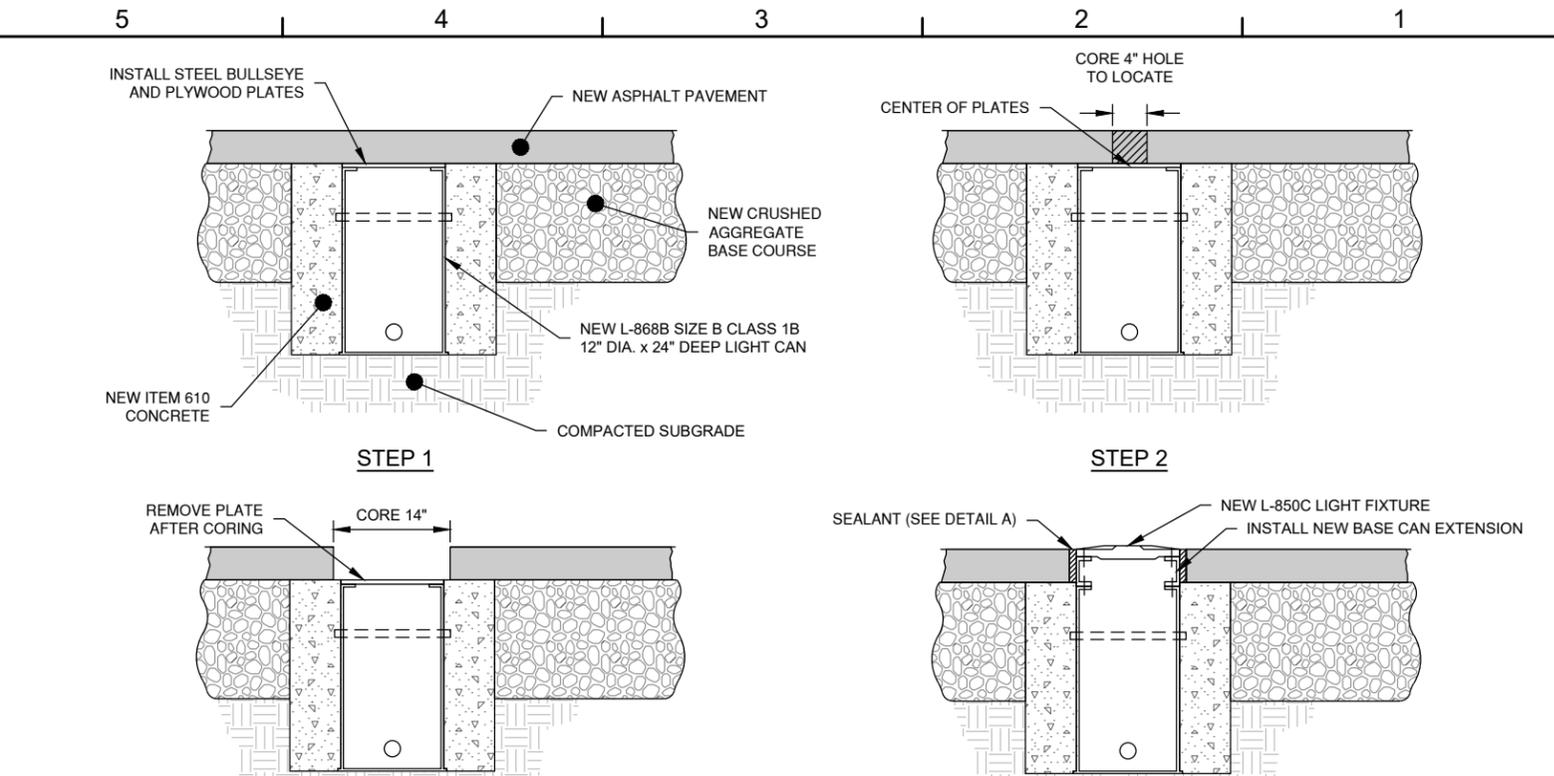
SHEET NO. **16** REVISION

SHEET 16 OF 26 SHEETS



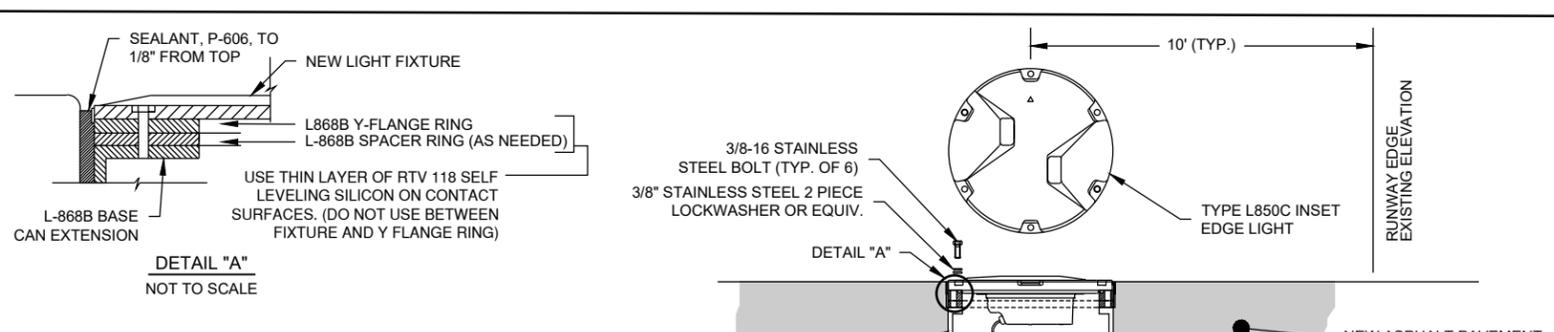
NOTES:

- CONTRACTOR SHALL VERIFY THE NUMBER AND SIZE OF GRS CONDUIT ENTRANCES/SUBS PER THE CABLING PLAN.



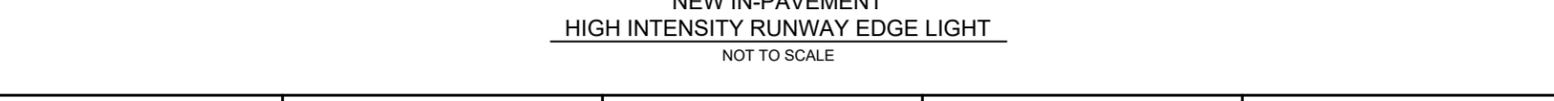
DETAIL "A"
NOT TO SCALE

Labels include: SEALANT, P-606, TO 1/8" FROM TOP, NEW LIGHT FIXTURE, L-868B Y-FLANGE RING, L-868B SPACER RING (AS NEEDED), USE THIN LAYER OF RTV 118 SELF LEVELING SILICON ON CONTACT SURFACES. (DO NOT USE BETWEEN FIXTURE AND Y FLANGE RING), L-868B BASE CAN EXTENSION, 3/8-16 STAINLESS STEEL BOLT (TYP. OF 6), 3/8" STAINLESS STEEL 2 PIECE LOCKWASHER OR EQUIV., TYPE L850C INSET EDGE LIGHT, RUNWAY EDGE EXISTING ELEVATION, 10' (TYP.), NEW ASPHALT PAVEMENT, NEW L-823 PRIMARY CABLE CONNECTORS WITH HEAT SHRINK TUBING, 3' OF SLACK MIN., NEW L-868B SIZE B CLASS 1B 12" DIA. x 24" DEEP LIGHT CAN, NEW ITEM 610 CONCRETE, NEW L-830-1 ISOLATION TRANSFORMER SIZE PER MANUFACTURER, NEW HEAT SHRINK (TYP.), NEW L-823 SECONDARY CONNECTOR, NEW 6" (TYP.), NEW 1/C #8, 5KV, L-824 TYPE C CABLE IN 3/4" UNIT DUCT (ROUTING PER PLANS), BRICK 1" WEEP HOLE, NEW #6 BARE COPPER WIRE WITH EXOTHERMIC WELD TO GROUND ROD, NEW 6" SAND CUSHION-COMPACTED, TO NEXT LIGHT, NEW 2-1/C #8, 5KV, L-824 TYPE C CABLE IN 3/4" UNIT DUCT (ROUTING PER PLANS), NEW 3" GRS CONDUIT SEAL ENDS AFTER CABLE INSTALLATION (SEE NOTE 1), 24" ROUND, NEW 3/4" DIA. x 10' LONG COPPER CLAD GROUND ROD, NEW PVC SLEEVE TO ACCOMMODATE 3/4" DIA. GROUND ROD.



IN-PAVEMENT LIGHT DETAIL NOTES:

- LIGHT BASES SHALL BE INSTALLED WITH CARE TO ASSURE VERTICAL & AZIMUTH ALIGNMENT OF FIXTURE. SEE PAVEMENT OR CAN DETAIL FOR CONCRETE REQUIREMENTS.
- PROVIDE 3' CABLE SLACK WITHIN LIGHT BASE TO ALLOW TRANSFORMER SERVICING.
- AFTER FIXTURE INSTALLATION, FILL THE ANNULAR SPACE BETWEEN THE FIXTURE BASE AND SURROUNDING PAVEMENT WITH P-606 SEALANT. ANNULAR SPACE SHALL BE NO MORE THAN 3/4" WIDE.
- INSTALL BASE AND RINGS SO THAT OUTER EDGE OF LIGHT FIXTURE WILL BE AT SAME ELEVATION AS THE FINISHED PAVEMENT SURFACE TO (+) 0" (-) 1/16" TOLERANCE. THE TOTAL THICKNESS OF THE SPACER/FLANGE RINGS SHALL BE NO LARGER THAN 3/4" MAX. NO MORE THAN 3 RINGS SHALL BE USED.
- ATTACH A #6 AWG STRANDED COPPER 600V WIRE WITH GREEN XHHW INSULATION FROM THE LIGHT FIXTURE TO THE INTERNAL GROUND LUG. PROVIDE 4' OF SLACK TO ALLOW FOR LIGHT REMOVAL FOR ROUTINE MAINTENANCE.

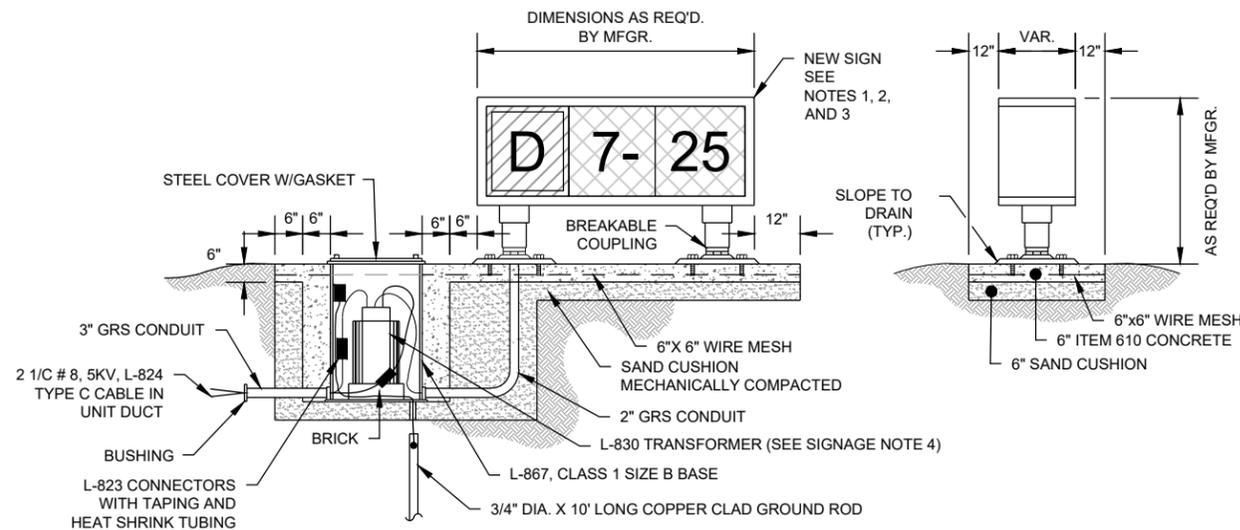


SIGNAGE SCHEDULE

SIGN NO.	SIDE	SIGN LEGEND	SIGN LOCATION	NUMBER OF CHARACTERS	CIRCUIT	NOTES	PAY ITEM NUMBER
1	W E		STA. 53+57.54 RUNWAY 18/36	0 2	7/25	NEW SIGN ON NEW FOUNDATION	AR125442
2	N S		STA. 48+30.56 RUNWAY 18/36	4 5	7/25	NEW SIGN ON NEW FOUNDATION	AR125445
3	W E		STA. 47+52.10 RUNWAY 18/36	3 1	18/36	NEW SIGN ON NEW FOUNDATION	AR125443
4	N S		STA. 41+80.41 RUNWAY 18/36	2 2	18/36	NEW SIGN ON NEW FOUNDATION	AR125442
5	W E		STA. 41+58.53 RUNWAY 18/36	3 0	18/36	NEW SIGN ON NEW FOUNDATION	AR125443

SIGN COLOR DESCRIPTION

	BLACK LEGEND ON YELLOW BACKGROUND
	YELLOW LEGEND ON BLACK BACKGROUND
	WHITE LEGEND WITH BLACK BORDER ON RED BACKGROUND
	BLANK PANEL - BLACK

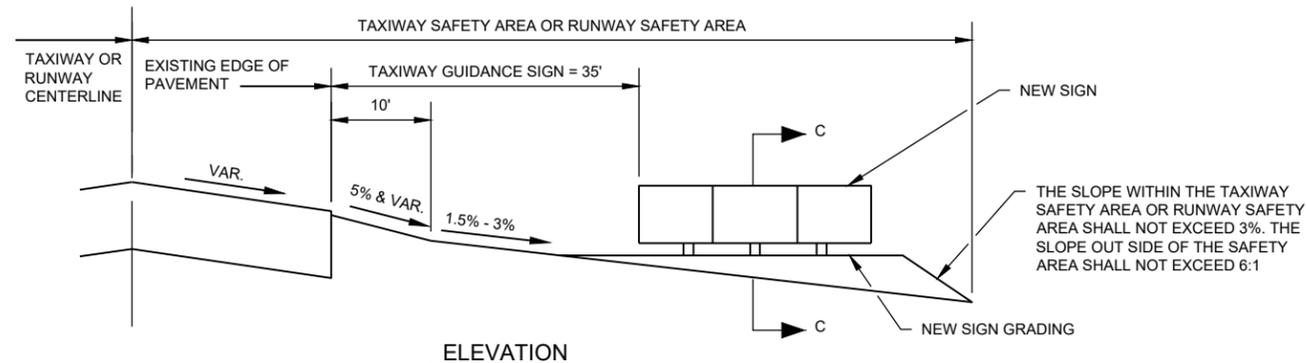


L-858 TAXIWAY GUIDANCE SIGN (LED)

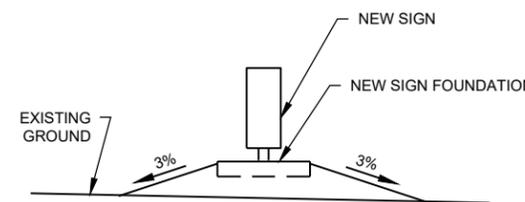
NOT TO SCALE

SIGNAGE NOTES

1. ALL NEW SIGN PAY ITEMS INCLUDE A NEW SIGN AND A NEW FOUNDATION PER THE DETAIL.
2. REMOVAL OF ANY EXISTING SIGN AND EXISTING FOUNDATION SHALL BE PAID FOR AS PAY ITEM AR125904
3. TAXIWAY GUIDANCE SIGNS CONNECTED TO RUNWAY 7/25 CIRCUIT SHALL BE 2-SIDED LED, SIZE 2, STYLE 3, CLASS 2. ALL OTHER SIGNS SHALL BE 2-SIDED LED, SIZE 2, STYLE 2, CLASS 2.
4. TRANSFORMER WATTAGE SHALL BE AS RECOMMENDED BY MANUFACTURER FOR LED SIGNS.
5. THE NUMBER OF MODULES PER SIGN SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
6. THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS, INCLUDING SIGN, COLOR, SIZE AND PROPOSED LEGEND, IN ENOUGH DETAIL TO DETERMINE PROPOSED SPACING AND OTHER INFORMATION REQUIRED BY THE SPECIFICATIONS PRIOR TO MANUFACTURE. THE CONTRACTOR SHALL VERIFY PROPOSED SIGN LOCATIONS AND ORIENTATIONS WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.
7. SIGN LEGEND SHALL BE AS SHOWN IN THE SIGNAGE SCHEDULE.



ELEVATION



SECTION C-C

NOTES:

1. SLOPES SHOWN ARE FROM FAA STANDARDS AND MAY NOT REFLECT THE ACTUAL GRADES IN THE FIELD
2. ESTIMATED 2 C.Y. OF EMBANKMENT MAY BE REQUIRED TO CONSTRUCT SIGN BASE FOUNDATION. COSTS TO CONSTRUCT SHALL BE INCIDENTAL TO SIGN PAY ITEM.
3. ACTUAL LOCATION OF THE SIGN WITHIN THE TAXIWAY OR RUNWAY SAFETY AREA WILL VARY DUE TO PAVEMENT WIDTHS AND VARIANCES IN SIGN FOUNDATION LENGTHS.

L-858 AIRFIELD SIGN DETAILS

NOT TO SCALE

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
CONSTRUCT, LIGHT, AND MARK PARALLEL TAXIWAY TO RUNWAY 36 END - SOUTH END CONNECTOR

SHEET TITLE:
ELECTRICAL DETAILS 3

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **17** REVISION

WH016

WHITESIDE
 COUNTY AIRPORT
 STERLING/ROCK FALLS, IL

WHITESIDE COUNTY
 AIRPORT BOARD

SBG Proj: 3-17-SBGP-171
 IL Proj: SQI-4895

APPROVED AS WORKING PLAN
 BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
**CONSTRUCT, LIGHT, AND
 MARK PARALLEL TAXIWAY
 TO RUNWAY 36 END -
 SOUTH END CONNECTOR**

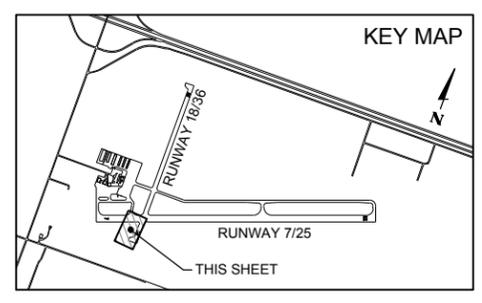
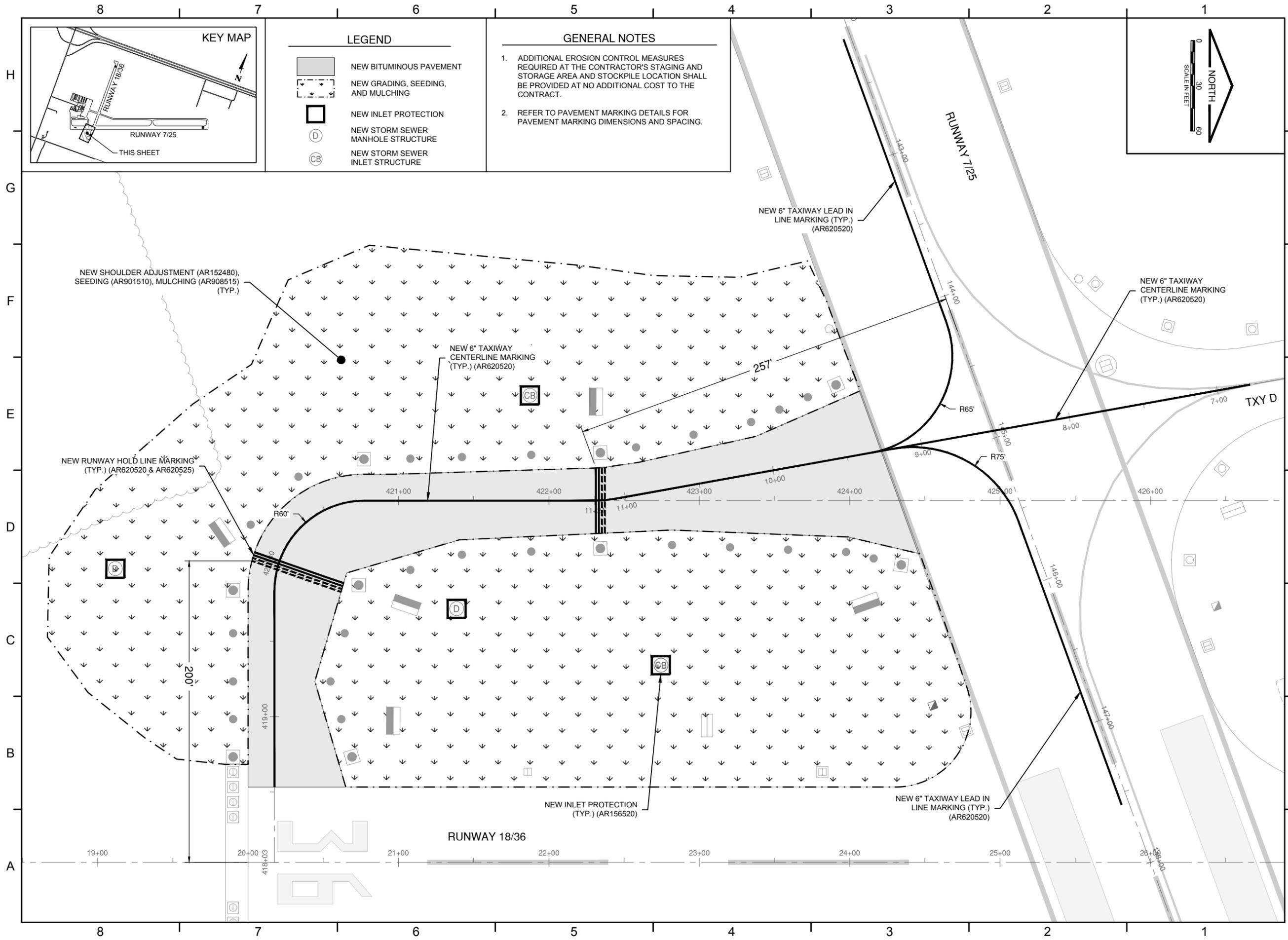
SHEET TITLE:
**LANDSCAPING /
 MARKING / SWPPP PLAN**

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
 DATE: JANUARY 14, 2022

SHEET NO. **18** REVISION

SHEET 18 OF 26 SHEETS

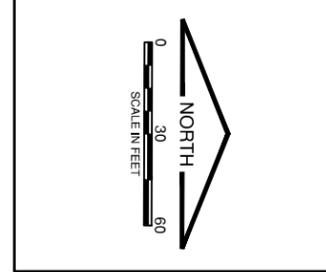


LEGEND

	NEW BITUMINOUS PAVEMENT
	NEW GRADING, SEEDING, AND MULCHING
	NEW INLET PROTECTION
	NEW STORM SEWER MANHOLE STRUCTURE
	NEW STORM SEWER INLET STRUCTURE

GENERAL NOTES

- ADDITIONAL EROSION CONTROL MEASURES REQUIRED AT THE CONTRACTOR'S STAGING AND STORAGE AREA AND STOCKPILE LOCATION SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE CONTRACT.
- REFER TO PAVEMENT MARKING DETAILS FOR PAVEMENT MARKING DIMENSIONS AND SPACING.



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WH016

WHITESIDE
COUNTY AIRPORT
STERLING/ROCK FALLS, IL

WHITESIDE COUNTY
AIRPORT BOARD

SBG Proj: 3-17-SBGP-171
IL Proj: SQI-4895

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

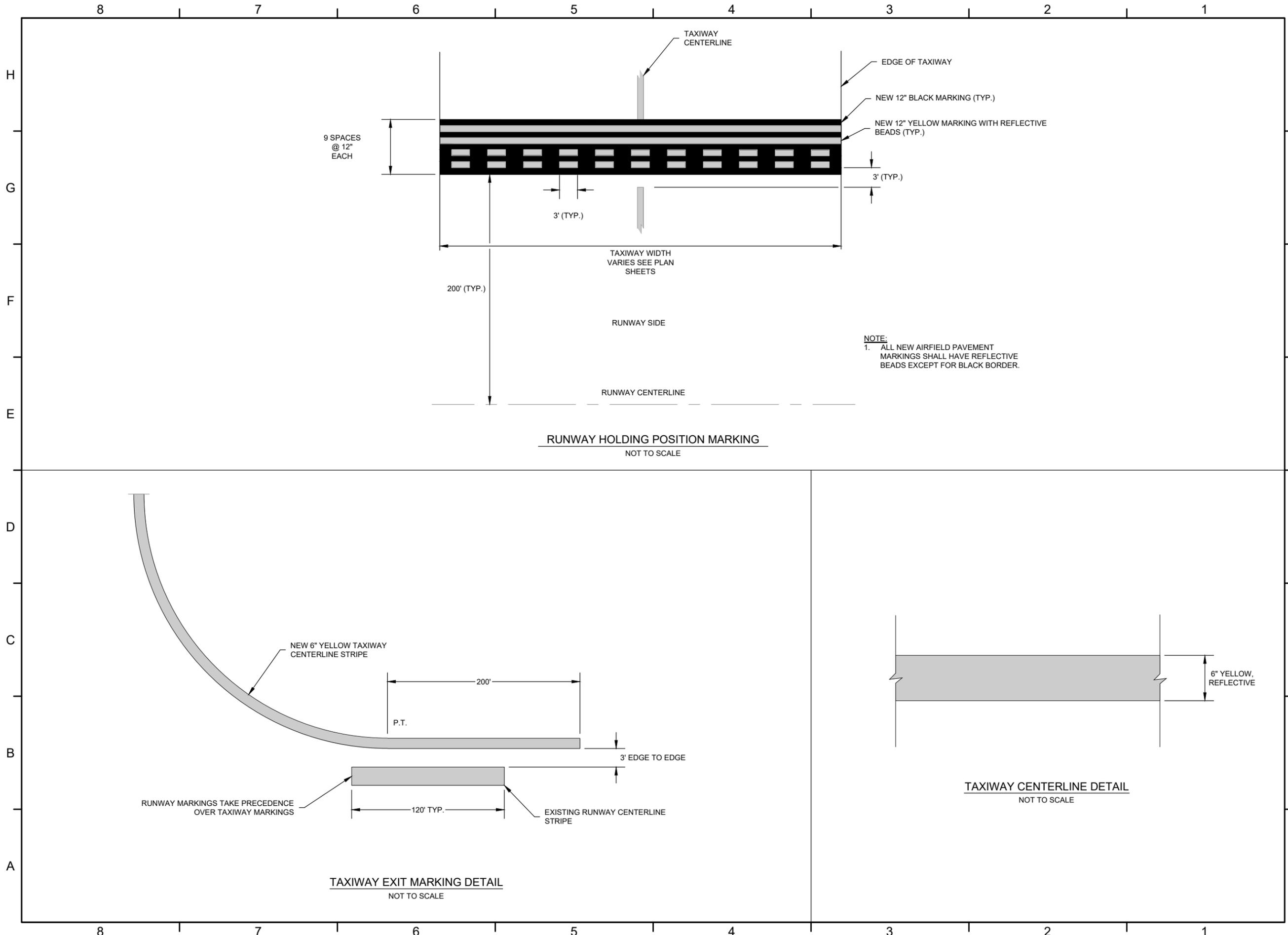
PROJECT NAME:
**CONSTRUCT, LIGHT, AND
MARK PARALLEL TAXIWAY
TO RUNWAY 36 END -
SOUTH END CONNECTOR**

SHEET TITLE:
**PAVEMENT MARKING
DETAILS**

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **19** REVISION



RUNWAY HOLDING POSITION MARKING
NOT TO SCALE

TAXIWAY EXIT MARKING DETAIL
NOT TO SCALE

TAXIWAY CENTERLINE DETAIL
NOT TO SCALE



WH016

WHITESIDE COUNTY AIRPORT STERLING/ROCK FALLS, IL

WHITESIDE COUNTY AIRPORT BOARD

**SBG Proj: 3-17-SBGP-171
IL Proj: SQI-4895**

APPROVED AS WORKING PLAN BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

CONSTRUCT, LIGHT, AND MARK PARALLEL TAXIWAY TO RUNWAY 36 END - SOUTH END CONNECTOR

SHEET TITLE:

SWPPP NOTES

DESIGNED: CMT-MLI	DRAWN: CMT-MLI	CHECKED: CMT-MLI
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PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO.	20	REVISION
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SHEET 20 OF 26 SHEETS

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE WITH NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIMEFRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING, WHICH WILL BE THE CONTRACTOR'S COST. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THE PLANS.

SITE DESCRIPTION

THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN: THIS PROJECT CONSISTS OF CONSTRUCTION OF THE PARALLEL TAXIWAY END CONNECTOR AT THE WHITESIDE COUNTY AIRPORT. THE PROJECT INCLUDES GRADING, EXCAVATION, FILL, TOPSOIL PLACEMENT, PAVEMENT CONSTRUCTION, SEEDING, MULCHING AND OTHER MISCELLANEOUS CONSTRUCTION WORK. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS EXCAVATION AND GRADING:

1. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS INLET PROTECTION.
2. EXCAVATION AND EMBANKMENT WILL BE COMPLETED WITHIN THE PROJECT LIMITS.

1. PAVEMENT CONSTRUCTION.
2. FINAL GRADING AND OTHER MISCELLANEOUS ITEMS.
3. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS SEEDING AND MULCHING.
4. REMOVAL OF TEMPORARY EROSION CONTROL / PROTECTION FACILITIES.

AREA OF CONSTRUCTION SITE

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 5 ACRES OF WHICH 3.4 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, SPECIFICATION AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

THE CONSTRUCTION SITE DRAINS INTO THE ROCK RIVER VIA OVERLAND FLOW AND THROUGH A STORM SEWER SYSTEM.

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE SEEDING AND MULCHING AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
2. AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, INLET PROTECTION AND PERIMETER SILT FENCE SHALL BE INSTALLED AS CALLED OUT IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
3. THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED

ACTIVITIES.

1. WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
2. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED, AT THE CONTRACTORS EXPENSE, IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
3. AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
 - 3.1. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - 3.2. CONSTRUCT DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - 3.3. BUILD NECESSARY EMBANKMENT AT CULVERT/STORM SEWER LOCATIONS AND THEN EXCAVATE AND PLACE PIPE.
 - 3.4. EXCAVATED AREAS AND EMBANKMENT AREAS SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED, AT THE CONTRACTOR'S COST, IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN DAYS.
4. CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
5. THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING WINTER SHUTDOWN PERIOD.
6. SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR UNCLASSIFIED EXCAVATION AND EROSION CONTROL ITEMS.
7. THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

ALLOWABLE NON-STORM WATER DISCHARGES:

1. DISCHARGES FROM FIRE-FIGHTING ACTIVITIES;
2. FIRE HYDRANT FLUSHINGS;
3. WATER USED TO CONTROL DUST;
4. POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS;
5. UNCONTAMINATED GROUND WATER OR SPRING WATER;
6. UNCONTAMINATED EXCAVATION DEWATERING;
7. LANDSCAPE IRRIGATION;

RUNOFF COEFFICIENT AFTER CONSTRUCTION = 0.90

MAINTENANCE:

WHEN REQUESTED BY THE CONTRACTOR, THE RESIDENT ENGINEER WILL PROVIDE GENERAL MAINTENANCE GUIDES TO THE CONTRACTOR FOR THE PRACTICES ASSOCIATED WITH THIS PROJECT. THE FOLLOWING ADDITIONAL PROCEDURES WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO ATTAIN MAINTENANCE GUIDELINES FOR ANY MANUFACTURED BMPS WHICH ARE TO BE INSTALLED AND MAINTAINED PER MANUFACTURE'S SPECIFICATIONS.

1. SEEDING - WHERE TEMPORARY CESSATION OF THE EARTH DISTURBING ACTIVITIES OCCURS, STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY IF WORK WILL NOT RESUME FOR A PERIOD EXCEEDING 14 DAYS.
2. PERIMETER EROSION BARRIER - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE FENCING IS IN JEOPARDY AND ANY FENCE KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.
3. DITCH CHECK - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE DITCH CHECK IS IN JEOPARDY. ANY DITCH CHECKS WHICH FAILS WILL BE REPAIRED OR REPLACED IMMEDIATELY.
4. INLET PROTECTION/FILTERS - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE INLET PROTECTION IS IN JEOPARDY. ANY INLET PROTECTION FILTERS WHICH FAILS WILL BE REPLACED IMMEDIATELY.

INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE USING IDOT STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL INSPECTION REPORT (BC 2259). SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A STORM OR BY THE END OF THE FOLLOWING BUSINESS OR WORK DAY THAT IS 0.5 INCH OR GREATER OR EQUIVALENT SNOWFALL.

INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. WEEKLY INSPECTIONS WILL RECOMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS 0.5" OR GREATER RAIN EVENT, OR A

DISCHARGE DUE TO SNOWMELT OCCURS. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL NOTIFY THE APPROPRIATE IEPA FIELD OPERATIONS SECTION OFFICE BY EMAIL AT: EPA.SWNONCOMP@ILLINOIS.GOV, TELEPHONE OR FAX WITHIN TWENTY-FOUR (24) HOURS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL THEN COMPLETE AND SUBMIT AN "INCIDENCE OF NON-COMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION WITHIN FIVE (5) DAYS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL USE FORMS PROVIDED BY IEPA AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NON-COMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE PERMIT ILR10. THE INCIDENCE OF NON-COMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS ARE SEEDED AND ESTABLISHED. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

MAINTENANCE AFTER CONSTRUCTION

CONSTRUCTION IS COMPLETE AFTER FINAL ACCEPTANCE BY THE WHITESIDE COUNTY AIRPORT. MAINTENANCE UP TO THIS DATE WILL BE REQUIRED BY THE CONTRACTOR.

APPROVED AS WORKING PLAN
BY:

REV DATE DESCRIPTION

PROJECT NAME:

CONSTRUCT, LIGHT, AND MARK PARALLEL TAXIWAY TO RUNWAY 36 END - SOUTH END CONNECTOR

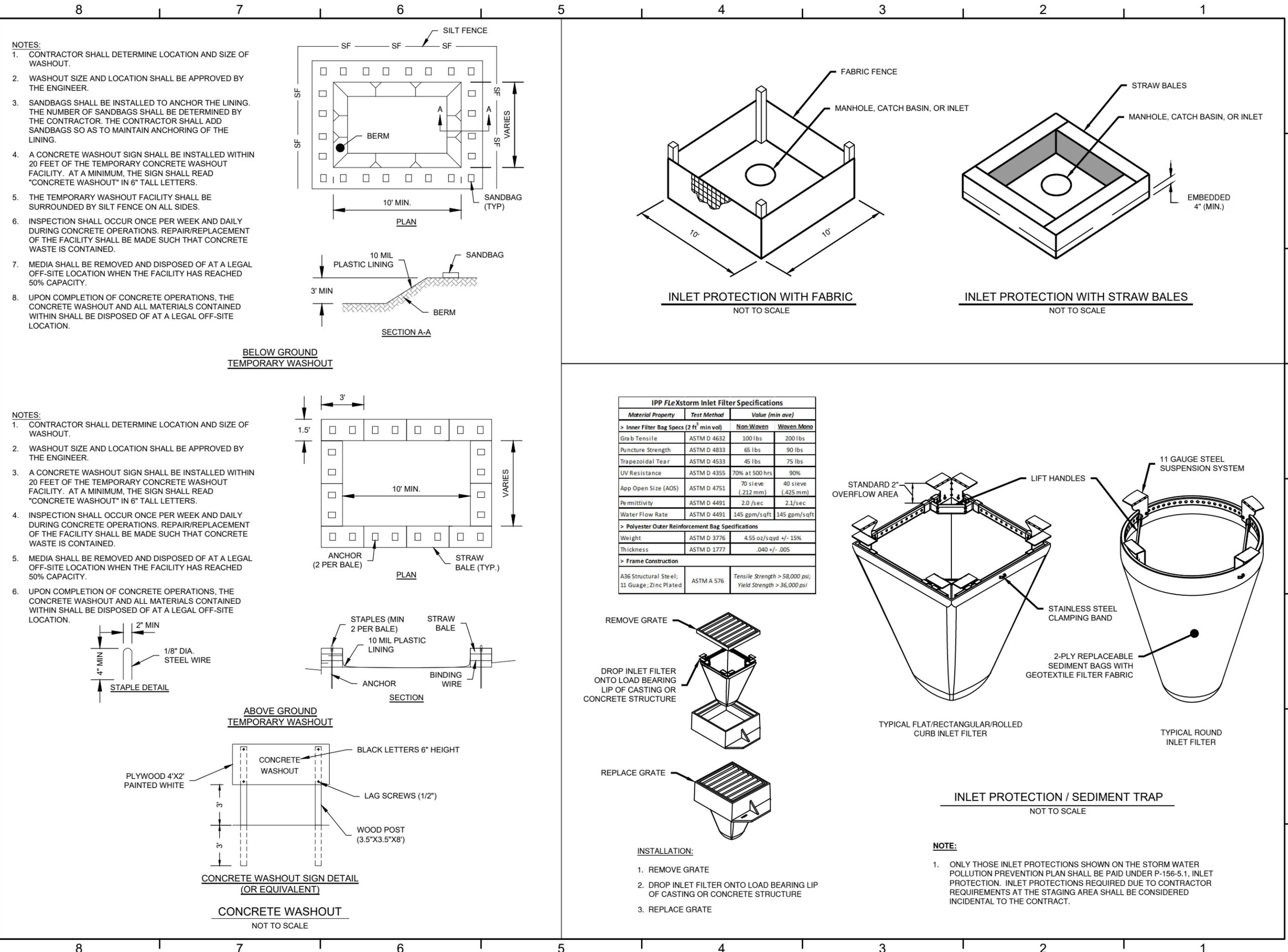
SHEET TITLE:

SWPPP DETAILS

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **21** REVISION



APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
**CONSTRUCT, LIGHT, AND
MARK PARALLEL TAXIWAY
TO RUNWAY 36 END -
SOUTH END CONNECTOR**

SHEET TITLE:
**INDEX TO
CROSS SECTIONS**

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

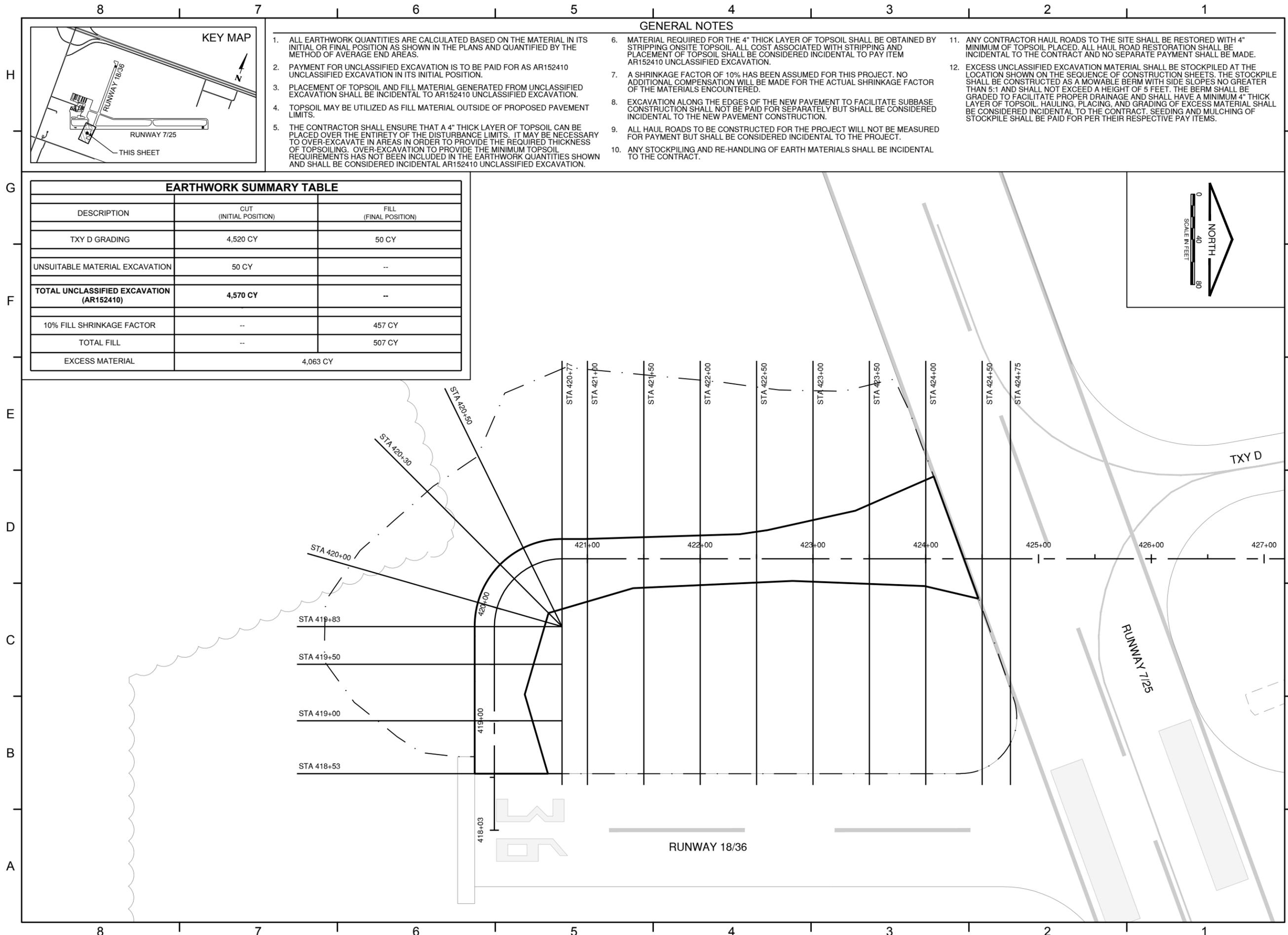
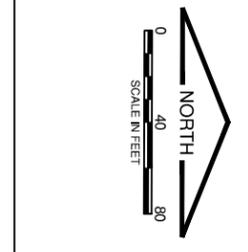
SHEET NO. **22** REVISION

GENERAL NOTES

- ALL EARTHWORK QUANTITIES ARE CALCULATED BASED ON THE MATERIAL IN ITS INITIAL OR FINAL POSITION AS SHOWN IN THE PLANS AND QUANTIFIED BY THE METHOD OF AVERAGE END AREAS.
- PAYMENT FOR UNCLASSIFIED EXCAVATION IS TO BE PAID FOR AS AR152410 UNCLASSIFIED EXCAVATION IN ITS INITIAL POSITION.
- PLACEMENT OF TOPSOIL AND FILL MATERIAL GENERATED FROM UNCLASSIFIED EXCAVATION SHALL BE INCIDENTAL TO AR152410 UNCLASSIFIED EXCAVATION.
- TOPSOIL MAY BE UTILIZED AS FILL MATERIAL OUTSIDE OF PROPOSED PAVEMENT LIMITS.
- THE CONTRACTOR SHALL ENSURE THAT A 4" THICK LAYER OF TOPSOIL CAN BE PLACED OVER THE ENTIRETY OF THE DISTURBANCE LIMITS. IT MAY BE NECESSARY TO OVER-EXCAVATE IN AREAS IN ORDER TO PROVIDE THE REQUIRED THICKNESS OF TOPSOILING. OVER-EXCAVATION TO PROVIDE THE MINIMUM TOPSOIL REQUIREMENTS HAS NOT BEEN INCLUDED IN THE EARTHWORK QUANTITIES SHOWN AND SHALL BE CONSIDERED INCIDENTAL AR152410 UNCLASSIFIED EXCAVATION.
- MATERIAL REQUIRED FOR THE 4" THICK LAYER OF TOPSOIL SHALL BE OBTAINED BY STRIPPING ONSITE TOPSOIL. ALL COST ASSOCIATED WITH STRIPPING AND PLACEMENT OF TOPSOIL SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM AR152410 UNCLASSIFIED EXCAVATION.
- A SHRINKAGE FACTOR OF 10% HAS BEEN ASSUMED FOR THIS PROJECT. NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE ACTUAL SHRINKAGE FACTOR OF THE MATERIALS ENCOUNTERED.
- EXCAVATION ALONG THE EDGES OF THE NEW PAVEMENT TO FACILITATE SUBBASE CONSTRUCTION SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE NEW PAVEMENT CONSTRUCTION.
- ALL HAUL ROADS TO BE CONSTRUCTED FOR THE PROJECT WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- ANY STOCKPILING AND RE-HANDLING OF EARTH MATERIALS SHALL BE INCIDENTAL TO THE CONTRACT.
- ANY CONTRACTOR HAUL ROADS TO THE SITE SHALL BE RESTORED WITH 4" MINIMUM OF TOPSOIL PLACED. ALL HAUL ROAD RESTORATION SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
- EXCESS UNCLASSIFIED EXCAVATION MATERIAL SHALL BE STOCKPILED AT THE LOCATION SHOWN ON THE SEQUENCE OF CONSTRUCTION SHEETS. THE STOCKPILE SHALL BE CONSTRUCTED AS A MOWABLE BERM WITH SIDE SLOPES NO GREATER THAN 5:1 AND SHALL NOT EXCEED A HEIGHT OF 5 FEET. THE BERM SHALL BE GRADED TO FACILITATE PROPER DRAINAGE AND SHALL HAVE A MINIMUM 4" THICK LAYER OF TOPSOIL. HAULING, PLACING, AND GRADING OF EXCESS MATERIAL SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEEDING AND MULCHING OF STOCKPILE SHALL BE PAID FOR PER THEIR RESPECTIVE PAY ITEMS.

EARTHWORK SUMMARY TABLE

DESCRIPTION	CUT (INITIAL POSITION)	FILL (FINAL POSITION)
TXY D GRADING	4,520 CY	50 CY
UNSUITABLE MATERIAL EXCAVATION	50 CY	--
TOTAL UNCLASSIFIED EXCAVATION (AR152410)	4,570 CY	--
10% FILL SHRINKAGE FACTOR	--	457 CY
TOTAL FILL	--	507 CY
EXCESS MATERIAL	4,063 CY	



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WH016

WHITESIDE
COUNTY AIRPORT
STERLING/ROCK FALLS, IL

WHITESIDE COUNTY
AIRPORT BOARD

SBG Proj: 3-17-SBGP-171
IL Proj: SQI-4895

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
**CONSTRUCT, LIGHT, AND
MARK PARALLEL TAXIWAY
TO RUNWAY 36 END -
SOUTH END CONNECTOR**

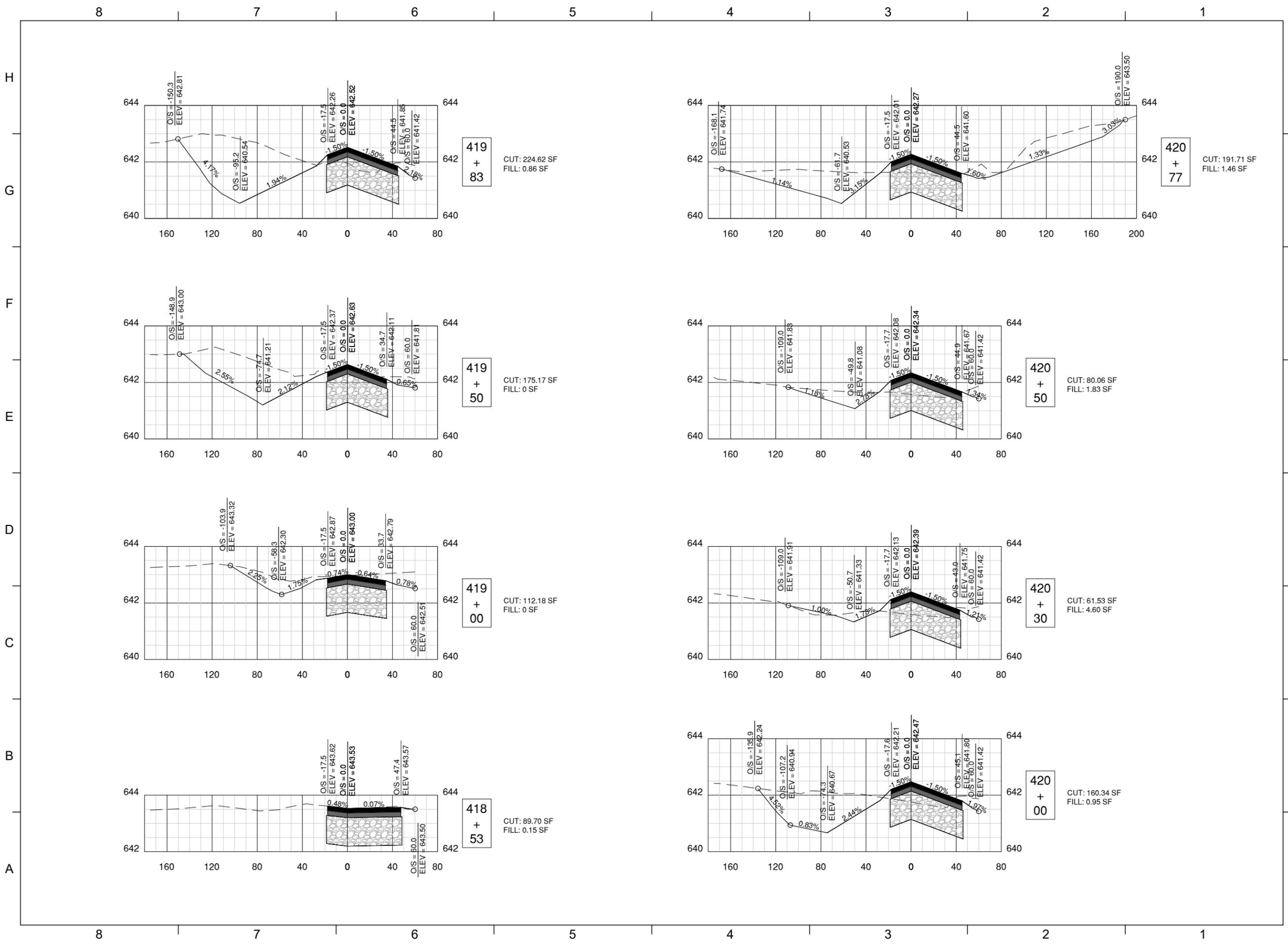
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CROSS SECTIONS 1

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **23** REVISION



WH016

WHITESIDE
COUNTY AIRPORT
STERLING/ROCK FALLS, IL

WHITESIDE COUNTY
AIRPORT BOARD

SBG Proj: 3-17-SBGP-171
IL Proj: SQI-4895

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
CONSTRUCT, LIGHT, AND
MARK PARALLEL TAXIWAY
TO RUNWAY 36 END -
SOUTH END CONNECTOR

SHEET TITLE:

CROSS SECTIONS 2

DESIGNED: CMT-MLI	DRAWN: CMT-MLI	CHECKED: CMT-MLI
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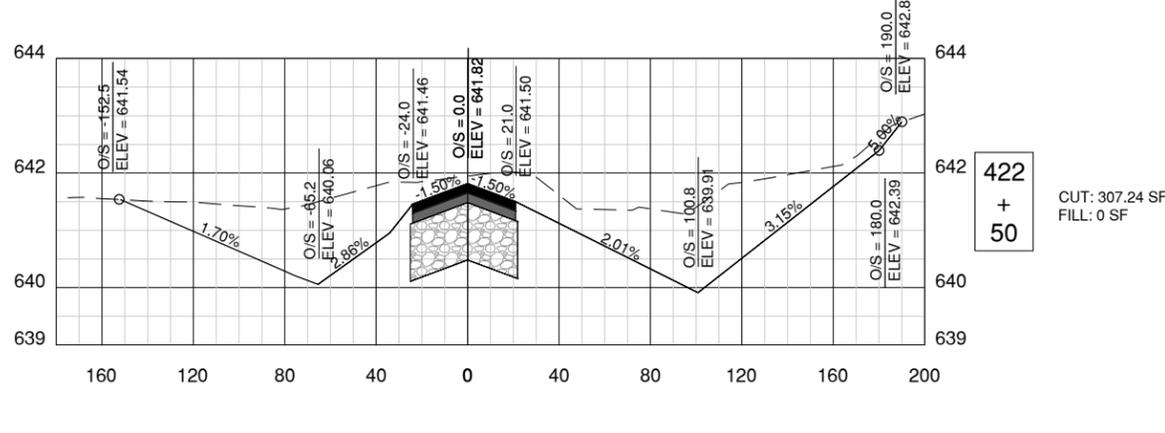
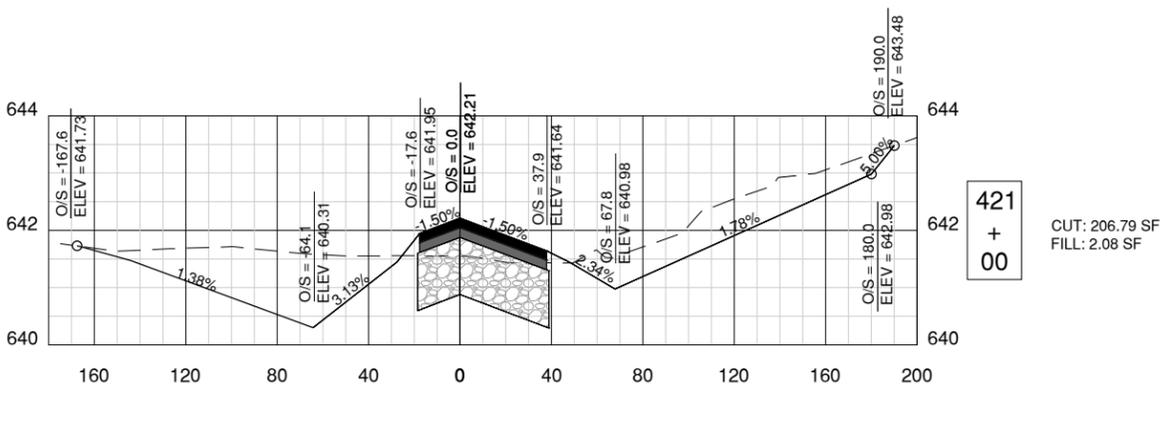
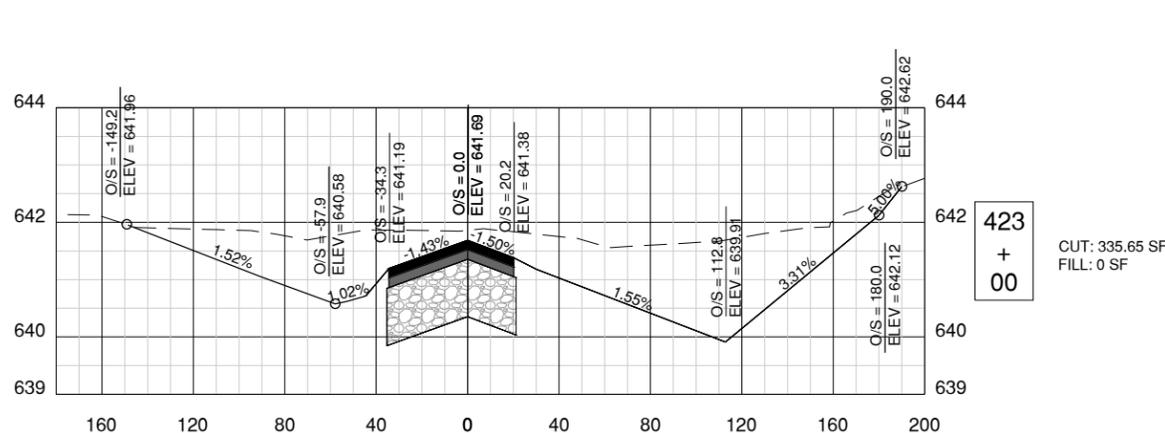
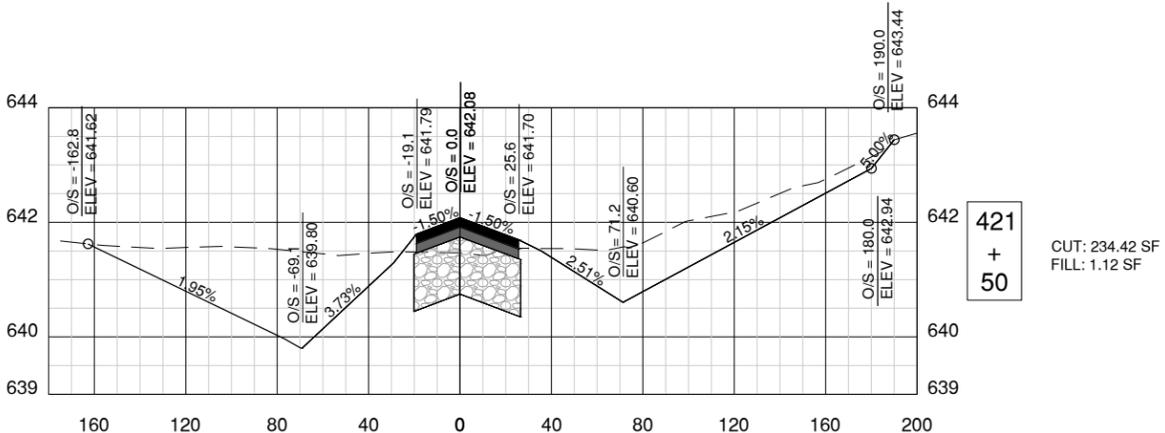
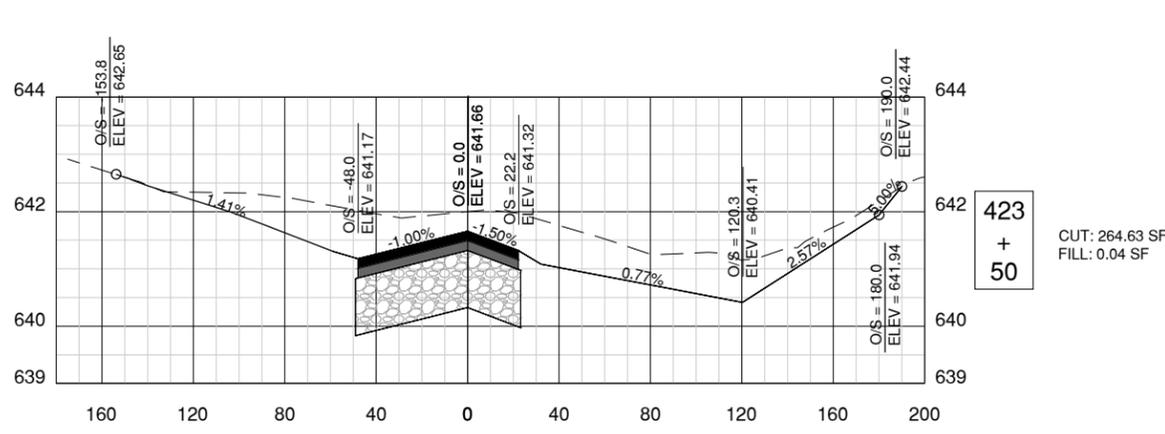
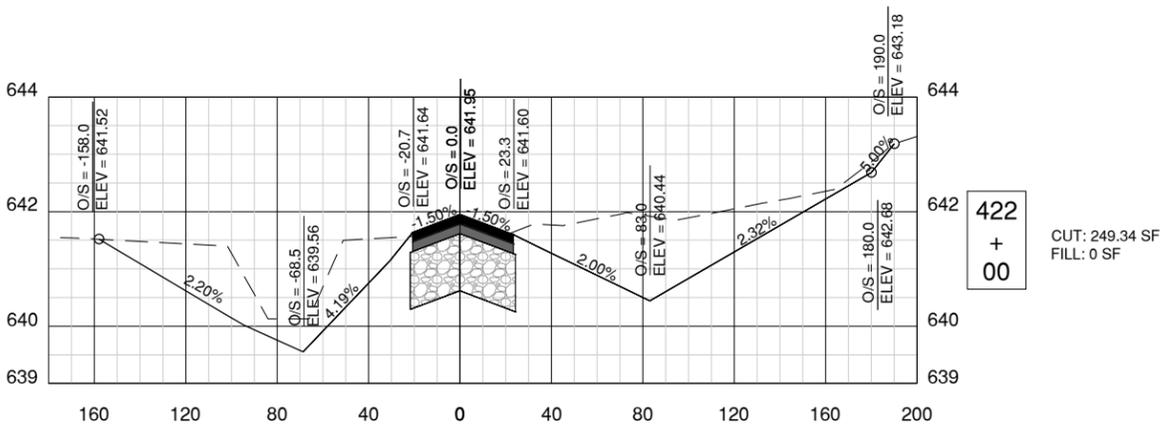
PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO.	24	REVISION
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SHEET 24 OF 26 SHEETS

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WH016

WHITESIDE COUNTY AIRPORT STERLING/ROCK FALLS, IL

WHITESIDE COUNTY AIRPORT BOARD

SBG Proj: 3-17-SBGP-171
IL Proj: SQI-4895

APPROVED AS WORKING PLAN
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REV	DATE	DESCRIPTION

PROJECT NAME:

CONSTRUCT, LIGHT, AND MARK PARALLEL TAXIWAY TO RUNWAY 36 END - SOUTH END CONNECTOR

SHEET TITLE:

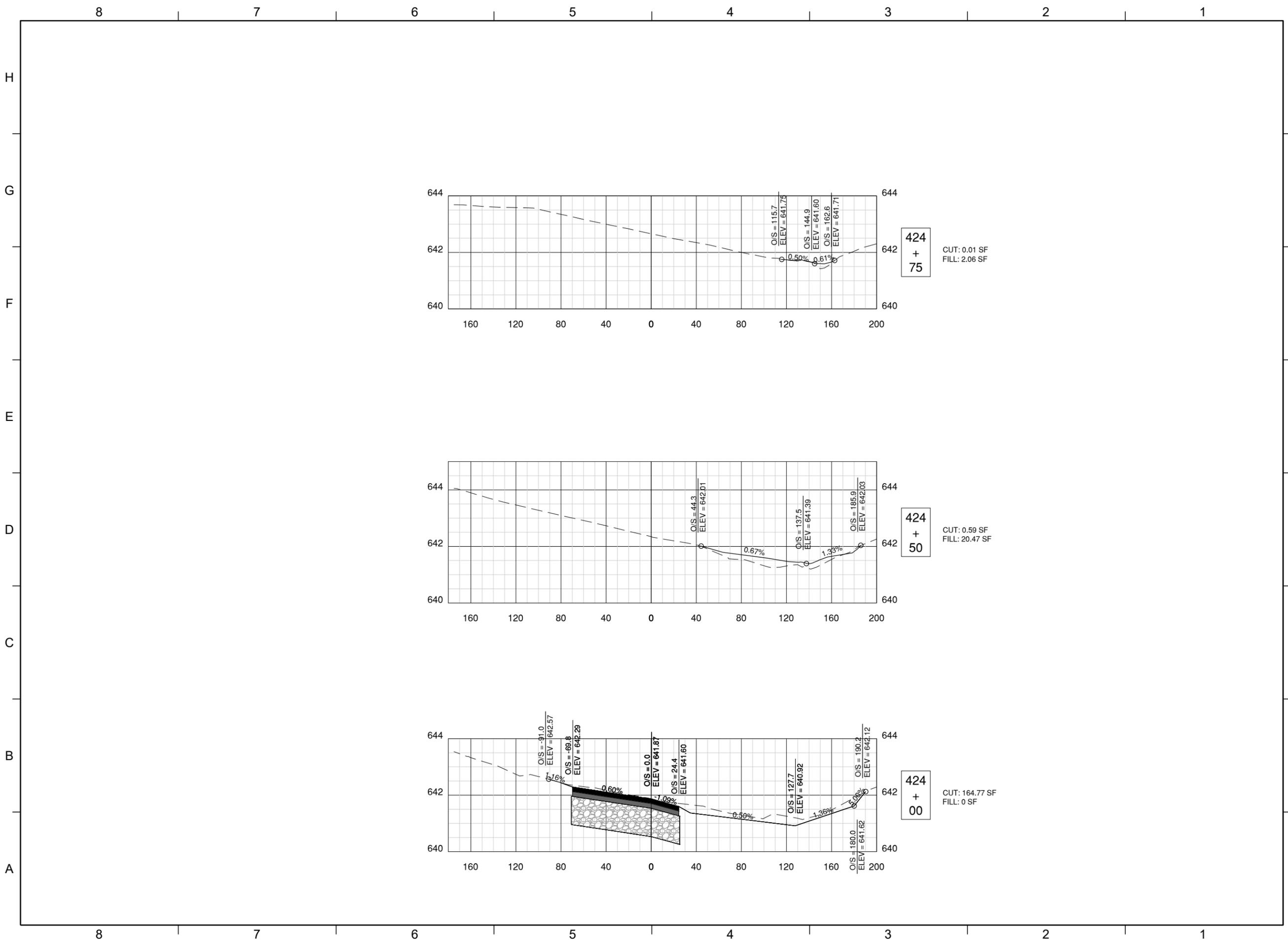
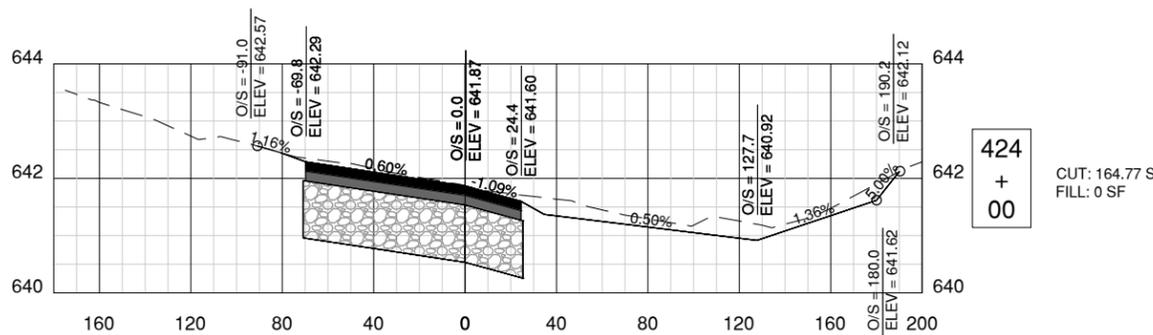
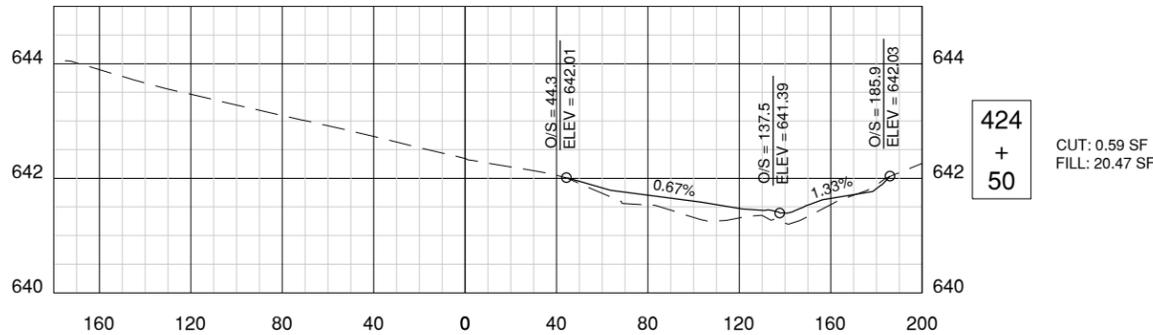
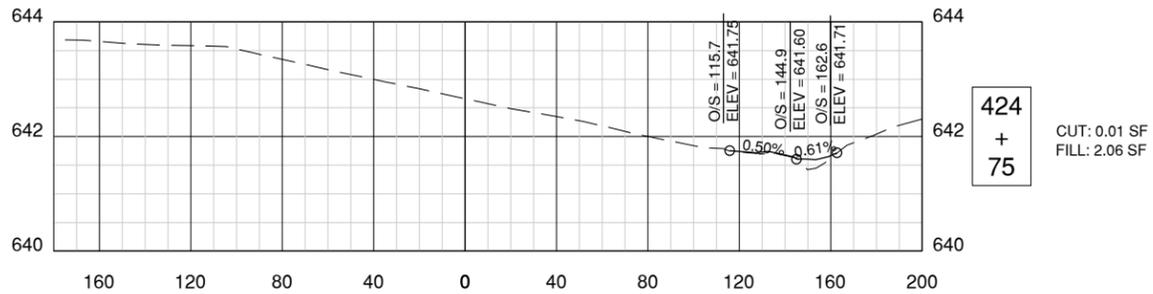
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PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

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APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
**CONSTRUCT, LIGHT, AND
MARK PARALLEL TAXIWAY
TO RUNWAY 36 END -
SOUTH END CONNECTOR**

SHEET TITLE:
**ENGINEERING
INFORMATION**

DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 20029204.00
DATE: JANUARY 14, 2022

SHEET NO. **26** REVISION

SHEET 26 OF 26 SHEETS

