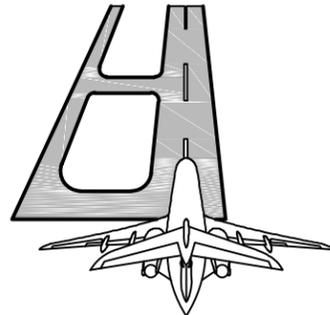


12A

CITY OF FREEPORT FREEPORT, ILLINOIS

FR047
TOTAL SHEETS:
25



FREEPORT - ALBERTUS AIRPORT

APPROVED BY *Randy J. Bukas*
RANDY BUKAS, CITY MANAGER

DATE 9/22/2023

CONSTRUCTION PLANS FOR FREEPORT - ALBERTUS AIRPORT CONSTRUCT SOUTHWEST TERMINAL AREA ENTRANCE ROAD, PHASE 2

FINAL DESIGN SUBMITTAL

ILLINOIS PROJECT: FEP-4489

SEPTEMBER 22, 2023
(NOVEMBER 17, 2023 LETTING)

DESIGN INFORMATION

GEOMETRIC CRITERIA

LOW SPEED URBAN STREET
20 MPH DESIGN SPEED

PAVEMENT DESIGN CRITERIA

AVERAGE DAILY TRAFFIC (ADT) < 400

MAXIMUM EQUIPMENT HEIGHT - 25'
UNICOM FREQUENCY - 122.80

INDEX TO SHEETS

1. COVER SHEET / INDEX TO SHEETS
2. SUMMARY OF QUANTITIES
3. SITE PLAN AND CONTROL 1
4. SITE PLAN AND CONTROL 2
5. SEQUENCE OF CONSTRUCTION
6. SEQUENCE OF CONSTRUCTION NOTES AND DETAILS
7. EXISTING CONDITIONS AND REMOVALS 1
8. EXISTING CONDITIONS AND REMOVALS 2
9. TYPICAL SECTIONS
10. PLAN AND PROFILE 1
11. PLAN AND PROFILE 2
12. PLAN AND PROFILE 3
13. PLAN AND PROFILE 4
14. GRADING PLAN 1
15. GRADING PLAN 2
16. GRADING PLAN 3
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18. ELECTRICAL PLAN 1
19. ELECTRICAL PLAN 2
20. ELECTRICAL PLAN 3
21. ELECTRICAL DETAILS
22. SWPPP / LANDSCAPING / MARKING PLAN 1
23. SWPPP / LANDSCAPING / MARKING PLAN 2
24. SWPPP NOTES
25. SWPPP DETAILS

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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: 26 NORTH COUNTY: STEPHENSON
 RANGE: 8 EAST TOWNSHIP: SILVER CREEK
 SECTION: 21

Illinois Professional Engineering Practice Act of 1989



EXP: 11/30/2023



SUBMITTED BY *Sergio Garcia*
SERGIO GARCIA, P.E.

DATE 9/22/2023

License Expires 11/30/2023



LOCATION MAP



SITE PLAN

CMT DESIGN NUMBER: 21001617.00



FREEPORT - ALBERTUS AIRPORT



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FREEPORT - ALBERTUS AIRPORT
FREEPORT, IL

CITY OF FREEPORT ILLINOIS

IL Proj:
FEP-4489

APPROVED AS WORKING PLAN
BY:

REV DATE DESCRIPTION

PROJECT NAME:

CONSTRUCT SOUTHWEST TERMINAL AREA ENTRANCE ROAD, PHASE 2

SHEET TITLE:

SUMMARY OF QUANTITIES

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

PROJECT NO.: 21001617.00
DATE: SEPTEMBER 22, 2023

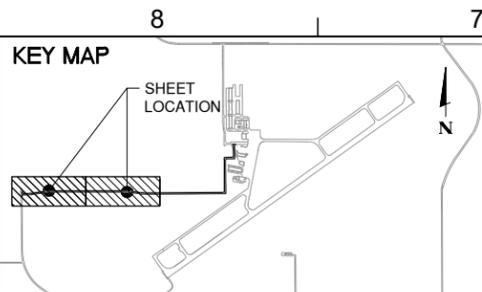
SHEET NO. REVISION

2

SHEET 2 OF 25 SHEETS

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	RECORD QUANTITY
AR109210	VAULT MODIFICATIONS	L SUM	1.00	
AR110013	3" DIRECTIONAL BORE	FOOT	150.00	
AR150510	ENGINEER'S FIELD OFFICE	L SUM	1.00	
AR150520	MOBILIZATION	L SUM	1.00	
AR152410	UNCLASSIFIED EXCAVATION	CU YD	270.00	
AR152540	SOIL STABILIZATION FABRIC	SQ YD	425.00	
AR156520	INLET PROTECTION	EACH	12.00	
AR208515	POROUS GRANULAR EMBANKMENT	CU YD	140.00	
AR209608	CRUSHED AGG. BASE COURSE - 8"	SQ YD	425.00	
AR209704	CRUSHED AGG. SHOULDER - 4"	SQ YD	2,100.00	
AR401610	BITUMINOUS SURFACE COURSE	TON	1,450.00	
AR401650	BITUMINOUS PAVEMENT MILLING	SQ YD	260.00	
AR401910	REMOVE & REPLACE BIT. PAVEMENT	SQ YD	80.00	
AR403610	BITUMINOUS BASE COURSE	TON	40.00	
AR602510	BITUMINOUS PRIME COAT	GALLON	130.00	
AR603510	BITUMINOUS TACK COAT	GALLON	1,300.00	
AR620520	PAVEMENT MARKING-WATERBORNE	SQ FT	650.00	
AR800802	2 #8 XLP-USE, 1 #8 GND IN UD	FOOT	1,500.00	
AR800803	LIGHTING CONTROLLER/ELECTRIC SERVICE	L SUM	1.00	
AR800804	REMOVE & REPLACE FULL DEPTH PAVEMENT STRUCTURE	SQ YD	25.00	
AR901510	SEEDING	ACRE	1.10	
AR908510	MULCHING	ACRE	1.10	
AR910100	ROADWAY LIGHT POLE	EACH	8.00	
AR910900	REMOVE ROADWAY LIGHT POLE	EACH	2.00	
AR910975	RELOCATE ROADWAY SIGN	EACH	2.00	

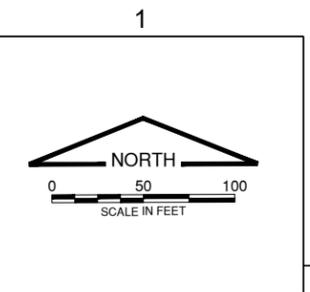


LEGEND

	NEW 1.5" & VARIABLE BITUMINOUS SURFACE COURSE OVERLAY (AR401610)
	NEW 2' WIDE CRUSHED AGG. SHOULDER - 4" (AR209704)
	NEW GRADING, TOPSOIL, SEEDING AND MULCHING (AR901510 & AR908510)
	NEW BITUMINOUS PAVEMENT 1.5" BITUMINOUS SURFACE COURSE (AR401610) 2" BITUMINOUS BASE COURSE (AR403610) 8" AGGREGATE BASE COURSE (AR209608) 12" POROUS GRANULAR EMBANKMENT (AR208515) SOIL STABILIZATION FABRIC (AR152540)

VERTICAL CONTROL TABLE

BM#	ELEVATION	STATION / OFFSET	LOCATION
100000	844.59	246+25.75 / 24.50' RT	N: 2032873.651 E: 2453936.814
100004	839.78	222+70.07 / 22.15' LT	N: 2032004.513 E: 2452310.369
100007	818.00	205+41.74 / 15.73' LT	N: 2032014.557 E: 2450584.748



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CITY OF FREERPORT
ILLINOIS

IL Proj:
FEP-4489

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
**CONSTRUCT SOUTHWEST
TERMINAL AREA ENTRANCE
ROAD, PHASE 2**

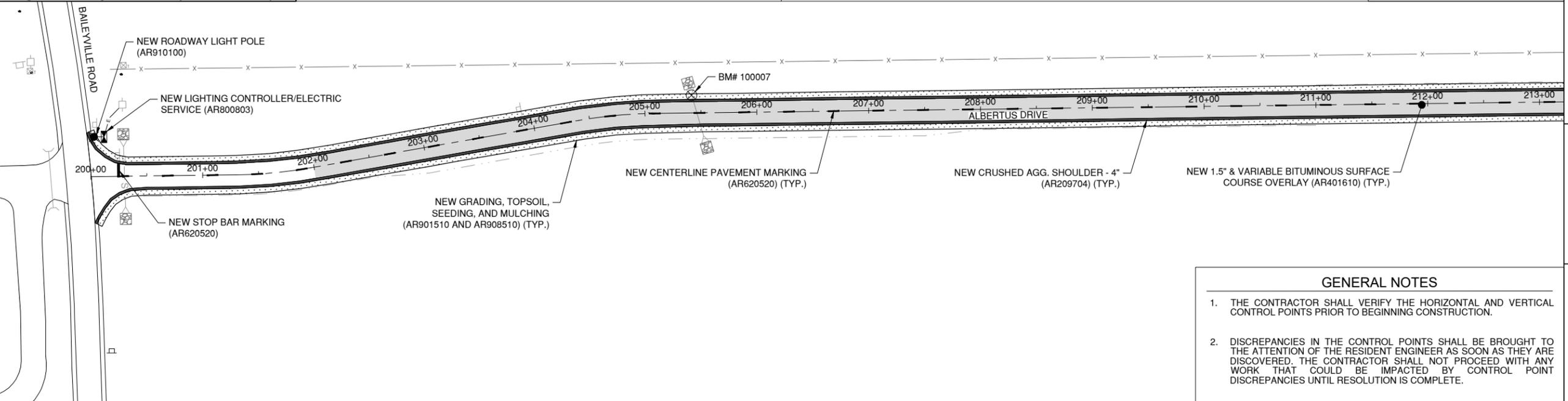
SHEET TITLE:
**SITE PLAN AND
CONTROL 1**

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

PROJECT NO.: 21001617.00
DATE: SEPTEMBER 22, 2023

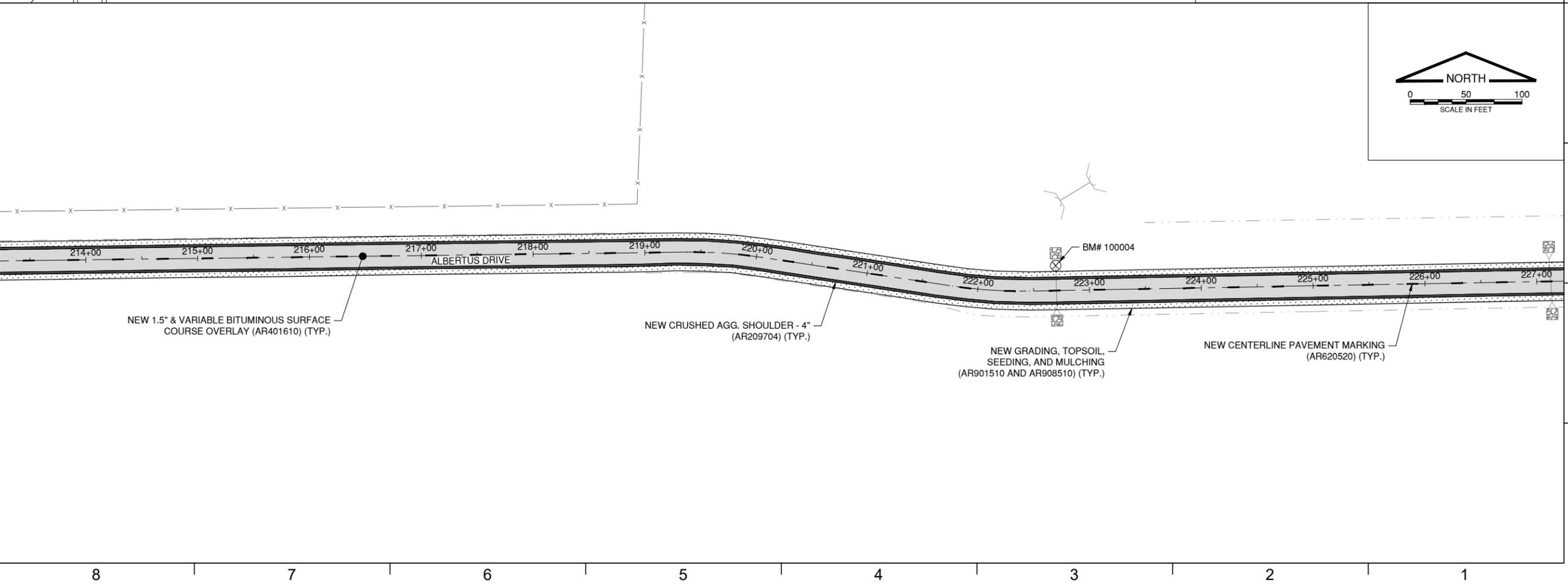
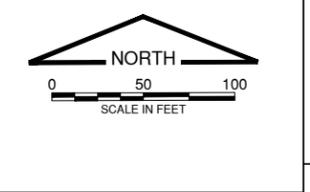
SHEET NO.	3	REVISION
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SHEET 3 OF 25 SHEETS

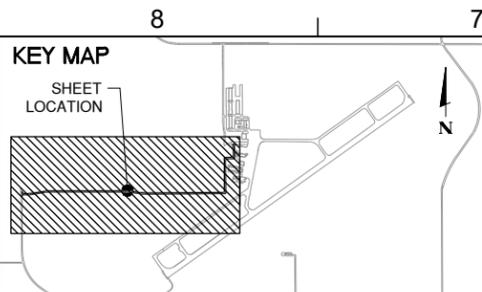


GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL CONTROL POINTS PRIOR TO BEGINNING CONSTRUCTION.
- 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.



SHEET NO. 3



GENERAL PHASING NOTES

1. DAMAGE TO AIRPORT ROADS, CONTRACTOR STAGING AREA AND PAVEMENTS SHALL BE REPAIRED BY THE CONTRACTOR AT THEIR EXPENSE.
2. CONTRACTOR EMPLOYEES SHALL PARK IN THE STAGING AREA.
3. 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.
4. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AIRPORT FACILITIES AND PARKING LOTS THROUGH THE DURATION OF THE PROJECT. SHOULD TEMPORARY ACCESS MEASURES BE REQUIRED, ALL COST SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
5. IF A TEMPORARY LANE CLOSURE IS REQUIRED ON BAILEYVILLE ROAD, THE CONTRACTOR SHALL NOTIFY THE AIRPORT, THE CITY OF FREEPORT AND STEPHENSON COUNTY 2 WEEKS IN ADVANCE. THE CONTRACTOR SHALL INSTALL THE NECESSARY SIGNS AND BARRICADES PER IDOT AND MUTCD STANDARDS AND A FLAGGER SHALL DIRECT TRAFFIC DURING THE LANE CLOSURE DURATION. TEMPORARY LANE CLOSURE SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

SUGGESTED SEQUENCE OF CONSTRUCTION

1. INSTALL TRAFFIC CONTROL BARRICADES
2. INSTALL EROSION CONTROL MEASURES
3. REMOVE ASPHALT PAVEMENT
4. PREPARE NEW PAVEMENT SUBGRADE AND PLACE AGG. BASE COURSE
5. CONSTRUCT NEW ASPHALT PAVEMENT
6. CONSTRUCT NEW AGG. BASE COURSE SHOULDERS
7. INSTALL NEW ROADWAY LIGHTING AND VAULT MODIFICATIONS
8. RESTORE LANDSCAPING
9. INSTALL NEW PAVEMENT MARKINGS (30 DAY PAVEMENT CURE)



FREEPORT - ALBERTUS AIRPORT



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FREEPORT - ALBERTUS AIRPORT
FREEPORT, IL

CITY OF FREEPORT ILLINOIS

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BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
CONSTRUCT SOUTHWEST TERMINAL AREA ENTRANCE ROAD, PHASE 2

SHEET TITLE:
SEQUENCE OF CONSTRUCTION

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

PROJECT NO.: 21001617.00
DATE: SEPTEMBER 22, 2023

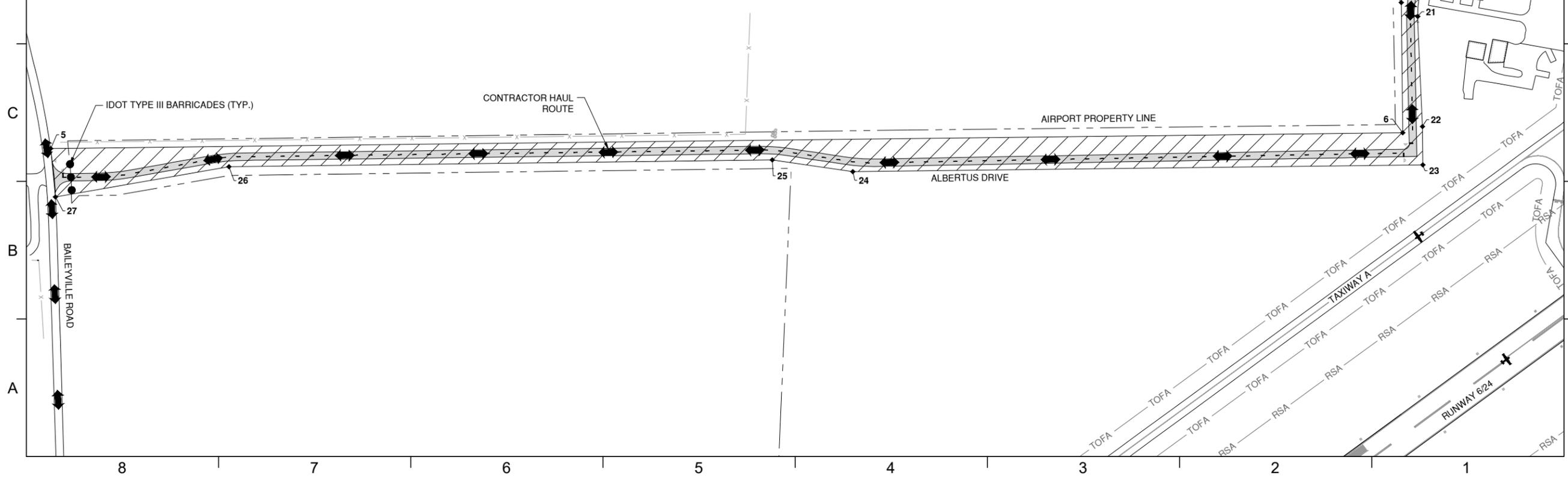
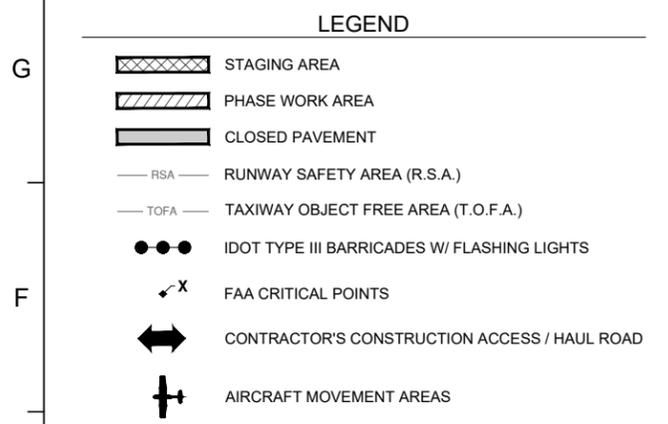
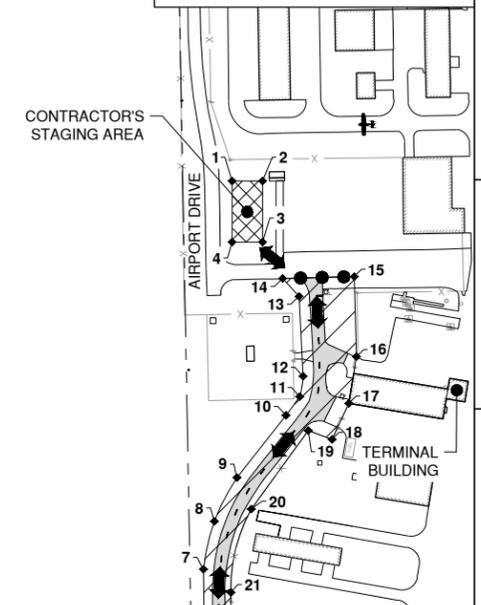
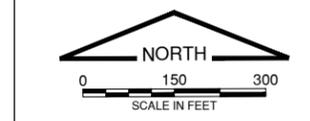
SHEET NO. **5** REVISION

SHEET 5 OF 25 SHEETS

CRITICAL POINTS

LOCATION DATA

POINT #	LATITUDE	LONGITUDE	SE ELEV.	AGL HEIGHT	AMSL ELEV.
1	42° 14' 49.08"	89° 35' 09.93"	846	25	871
2	42° 14' 49.07"	89° 35' 09.26"	845	25	870
3	42° 14' 48.09"	89° 35' 09.27"	846	25	871
4	42° 14' 48.09"	89° 35' 09.94"	847	25	872
5	42° 14' 39.12"	89° 35' 59.69"	827	25	852
6	42° 14' 39.30"	89° 35' 10.59"	843	25	868
7	42° 14' 42.81"	89° 35' 10.61"	849	25	874
8	42° 14' 43.58"	89° 35' 10.36"	848	25	873
9	42° 14' 44.28"	89° 35' 09.87"	846	25	871
10	42° 14' 45.29"	89° 35' 08.79"	846	25	871
11	42° 14' 45.59"	89° 35' 08.49"	846	25	871
12	42° 14' 45.92"	89° 35' 08.41"	846	25	871
13	42° 14' 47.20"	89° 35' 08.49"	845	25	870
14	42° 14' 47.50"	89° 35' 08.84"	846	25	871
15	42° 14' 47.52"	89° 35' 07.28"	844	25	869
16	42° 14' 46.23"	89° 35' 07.24"	845	25	870
17	42° 14' 45.47"	89° 35' 07.41"	846	25	871
18	42° 14' 44.89"	89° 35' 07.79"	845	25	870
19	42° 14' 45.04"	89° 35' 08.30"	845	25	870
20	42° 14' 43.77"	89° 35' 09.56"	845	25	870
21	42° 14' 42.43"	89° 35' 10.02"	846	25	871
22	42° 14' 39.46"	89° 35' 09.87"	844	25	869
23	42° 14' 38.43"	89° 35' 09.87"	843	25	868
24	42° 14' 38.35"	89° 35' 30.57"	839	25	864
25	42° 14' 38.68"	89° 35' 33.49"	841	25	866
26	42° 14' 38.60"	89° 35' 53.22"	817	25	842
27	42° 14' 37.81"	89° 35' 59.52"	830	25	855



KEY MAP

LEGEND

<ul style="list-style-type: none"> BITUMINOUS PAVEMENT MILLING (AR401650) REMOVE & REPLACE BIT. PAVEMENT (AR401910) REMOVE & REPLACE FULL DEPTH PAVEMENT STRUCTURE (AR800804) EXISTING BUILDING EXISTING INLET / MANHOLE EXISTING FLARED END SECTION 	<ul style="list-style-type: none"> EXISTING WELL / WATER VALVE EXISTING LIGHT POLE EXISTING UTILITY POLE EXISTING UTILITY STRUCTURE EXISTING ROADWAY SIGN EXISTING HANDHOLE 	<ul style="list-style-type: none"> EXISTING ELECTRICAL DUCT EXISTING GATE EXISTING FENCE EXISTING ELECTRICAL LINE EXISTING OVERHEAD ELECTRIC EXISTING GAS MAIN AIRPORT PROPERTY LINE EXISTING DITCH LINE EXISTING SANITARY SEWER EXISTING STORM SEWER EXISTING UNDERDRAIN EXISTING WATERLINE
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FREEPORT - ALBERTUS AIRPORT
FREEPORT, IL

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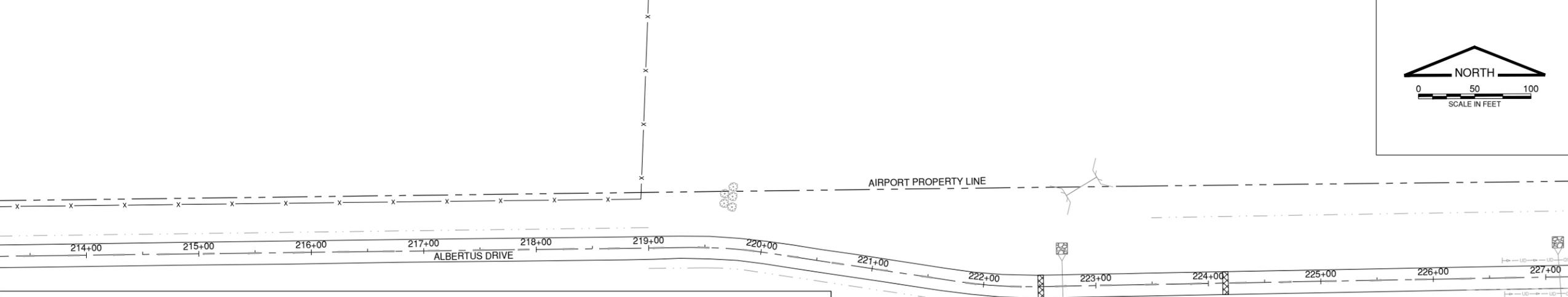
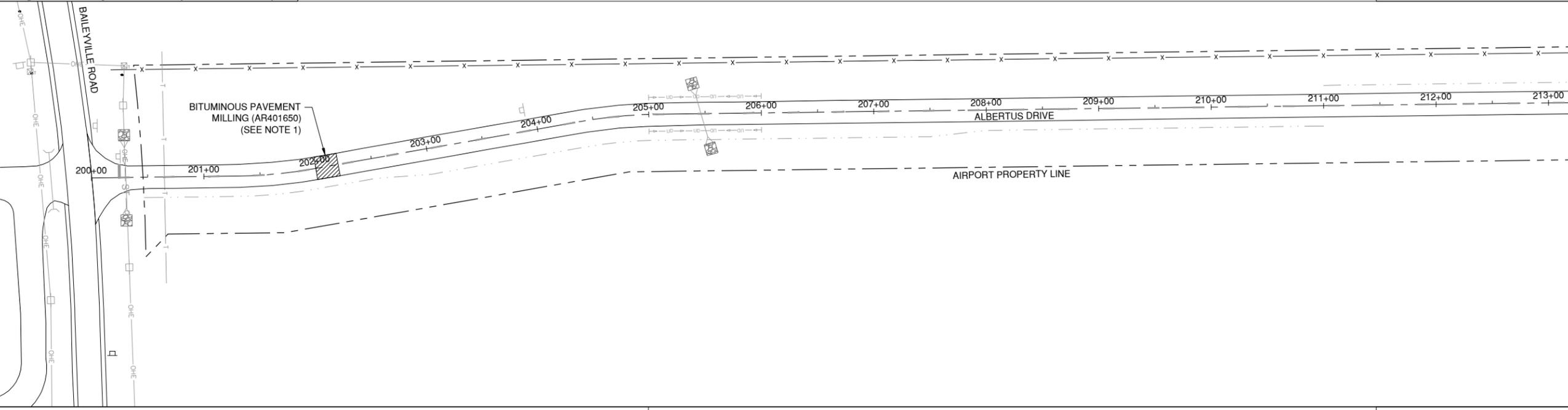
REV	DATE	DESCRIPTION

PROJECT NAME:

CONSTRUCT SOUTHWEST TERMINAL AREA ENTRANCE ROAD, PHASE 2

EXISTING CONDITIONS AND REMOVALS 1

DESIGNED:	DRAWN:	CHECKED:
CMT-MLI	CMT-MLI	CMT-MLI
PROJECT NO.: 21001617.00		DATE: SEPTEMBER 22, 2023
SHEET NO.	7	REVISION
SHEET 7 OF 25 SHEETS		



GENERAL NOTES

1. THE CONTRACTOR SHALL SET HIS MILLING DEPTH APPROPRIATELY TO PROVIDE FOR NO MORE THAN THE PROPOSED THICKNESS OF THE NEW BITUMINOUS SURFACE COURSE TO BE PLACED ON THE MILLED SURFACE.
2. REMOVE AND REPLACE BITUMINOUS PAVEMENT (AR401910) LIMITS SHALL BE COORDINATED WITH RESIDENT ENGINEER AND FIELD VERIFIED PRIOR TO REMOVAL. EXISTING BITUMINOUS PAVEMENT TO BE REMOVED SHALL BE SAWCUT AT THE LIMITS TO PROVIDE A CLEAN VERTICAL FACE. COST FOR SAWCUT SHALL BE INCIDENTAL TO PAY ITEM AR401910.
3. REMOVE AND REPLACE FULL DEPTH PAVEMENT STRUCTURE LIMITS (AR800804) LIMITS SHALL BE COORDINATED WITH RESIDENT ENGINEER AND FIELD VERIFIED PRIOR TO REMOVAL. EXISTING BITUMINOUS PAVEMENT TO BE REMOVED SHALL BE SAWCUT AT THE LIMITS TO PROVIDE A CLEAN VERTICAL FACE. COST FOR SAWCUT SHALL BE INCIDENTAL TO PAY ITEM AR800804. ALL COSTS REQUIRED TO COMPLETE THE WORK NOTED BELOW SHALL BE PAID FOR AS PAY ITEM AR800804

PAY ITEM AR800804 REMOVE AND REPLACE FULL DEPTH PAVEMENT STRUCTURE SHALL INCLUDE THE FOLLOWING WORK ITEMS:

- REMOVE EXISTING 2" HMA BASE COURSE
- REMOVE EXISTING 8" AGGREGATE BASE COURSE
- 12" UNDERCUT OF EXISTING SUBGRADE MATERIAL
- NEW SOIL STABILIZATION FABRIC
- NEW 12" POROUS GRANULAR EMBANKMENT
- NEW 8" AGGREGATE BASE COURSE
- NEW BITUMINOUS PRIME COAT
- NEW 2" HMA BASE COURSE

REMOVE & REPLACE BIT. PAVEMENT (AR401910) (TYP.) (SEE NOTE 2)

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER WITH RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.



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FREPORT, IL

CITY OF FREPORT ILLINOIS

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REV	DATE	DESCRIPTION

PROJECT NAME:

CONSTRUCT SOUTHWEST TERMINAL AREA ENTRANCE ROAD, PHASE 2

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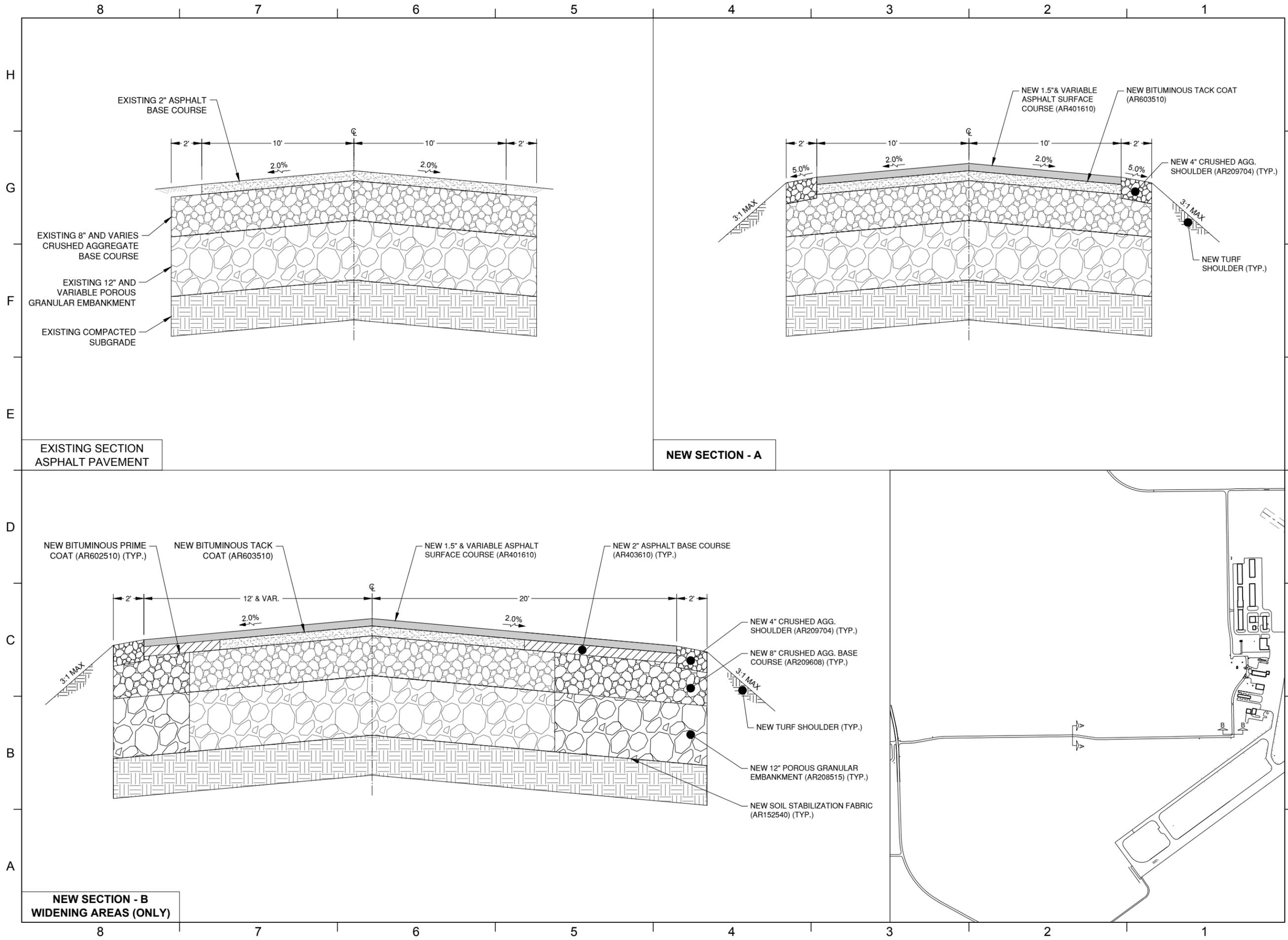
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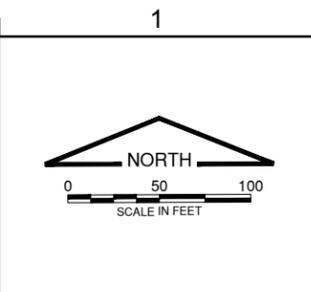
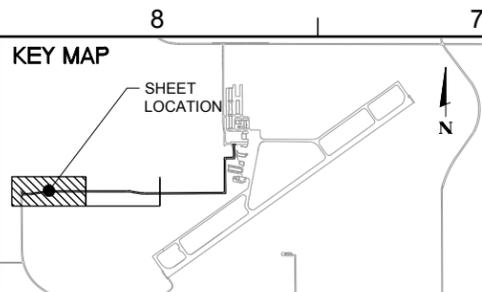
DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 21001617.00
DATE: SEPTEMBER 22, 2023

SHEET NO. **9** REVISION

SHEET 9 OF 25 SHEETS





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FREERPORT - ALBERTUS AIRPORT
FREERPORT, IL

CITY OF FREERPORT
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REV	DATE	DESCRIPTION

PROJECT NAME:

CONSTRUCT SOUTHWEST
TERMINAL AREA ENTRANCE
ROAD, PHASE 2

SHEET TITLE:

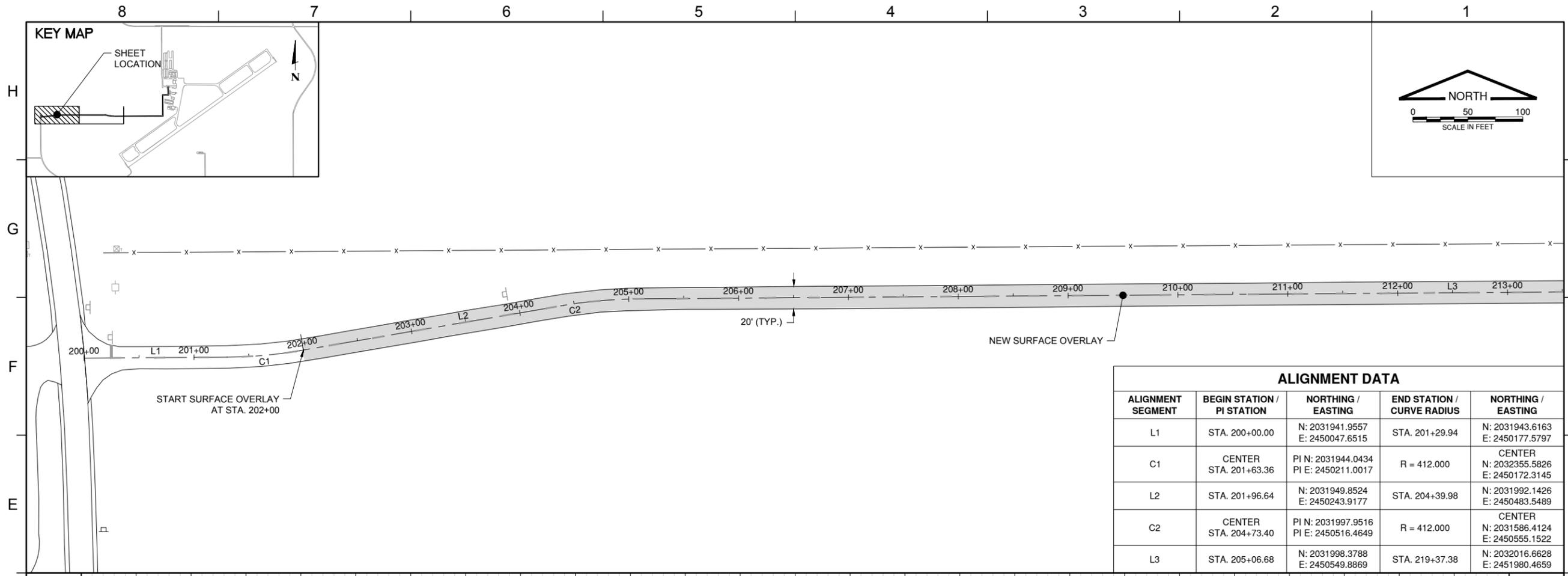
PLAN AND PROFILE 1

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

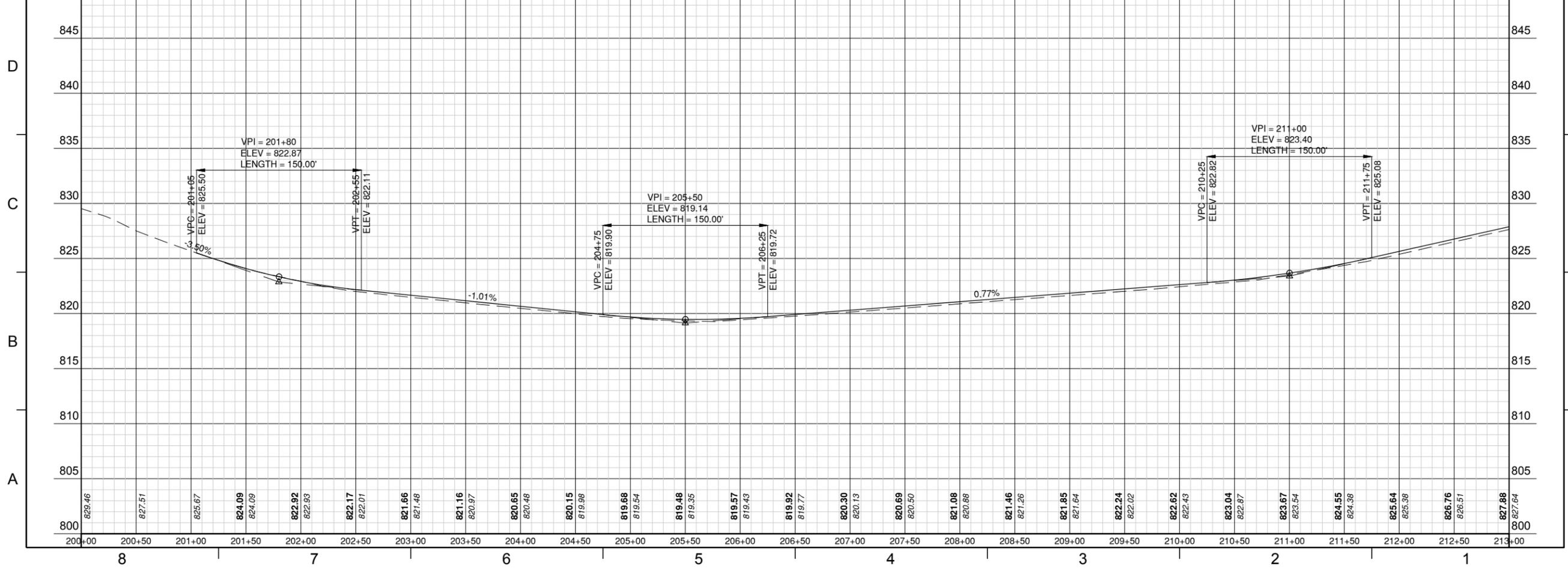
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DATE: SEPTEMBER 22, 2023

SHEET NO. **10** REVISION

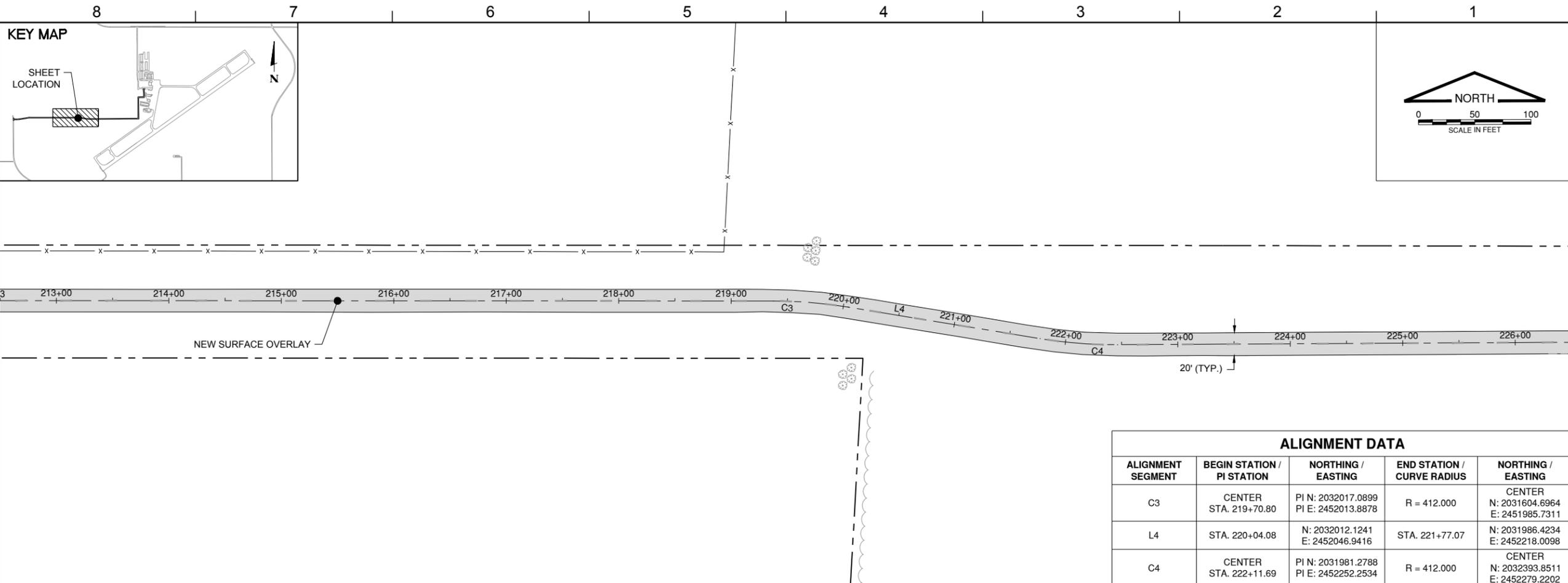
SHEET 10 OF 25 SHEETS



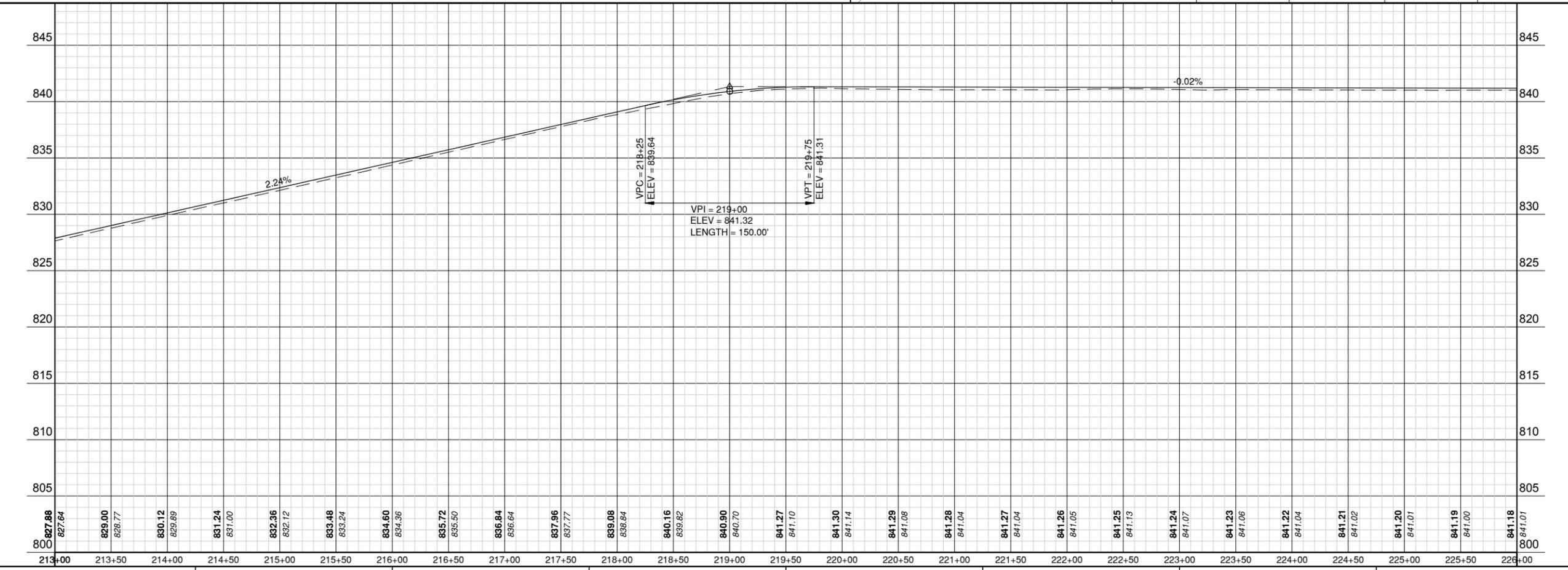
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C1	CENTER STA. 201+63.36	PI N: 2031944.0434 PI E: 2450211.0017	R = 412.000	CENTER N: 2032355.5826 E: 2450172.3145
L2	STA. 201+96.64	N: 2031949.8524 E: 2450243.9177	STA. 204+39.98	N: 2031992.1426 E: 2450483.5489
C2	CENTER STA. 204+73.40	PI N: 2031997.9516 PI E: 2450516.4649	R = 412.000	CENTER N: 2031586.4124 E: 2450555.1522
L3	STA. 205+06.68	N: 2031998.3788 E: 2450549.8869	STA. 219+37.38	N: 2032016.6628 E: 2451980.4659



A



ALIGNMENT DATA				
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L4	STA. 220+04.08	N: 2032012.1241 E: 2452046.9416	STA. 221+77.07	N: 2031986.4234 E: 2452218.0098
C4	CENTER STA. 222+11.69	PI N: 2031981.2788 PI E: 2452252.2534	R = 412.000	CENTER N: 2032393.8511 E: 2452279.2202



FREEPORT - ALBERTUS AIRPORT



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FREEPORT - ALBERTUS AIRPORT
FREEPORT, IL

CITY OF FREEPORT
ILLINOIS

IL Proj:
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BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

CONSTRUCT SOUTHWEST
TERMINAL AREA ENTRANCE
ROAD, PHASE 2

SHEET TITLE:

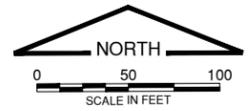
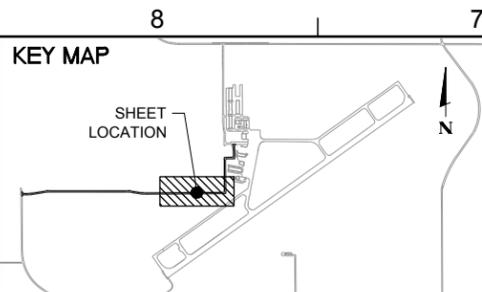
PLAN AND PROFILE 2

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

PROJECT NO.: 21001617.00
DATE: SEPTEMBER 22, 2023

SHEET NO. **11** REVISION

SHEET 11 OF 25 SHEETS



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FREEMPORT - ALBERTUS AIRPORT
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REV	DATE	DESCRIPTION

PROJECT NAME:

**CONSTRUCT SOUTHWEST
TERMINAL AREA ENTRANCE
ROAD, PHASE 2**

SHEET TITLE:

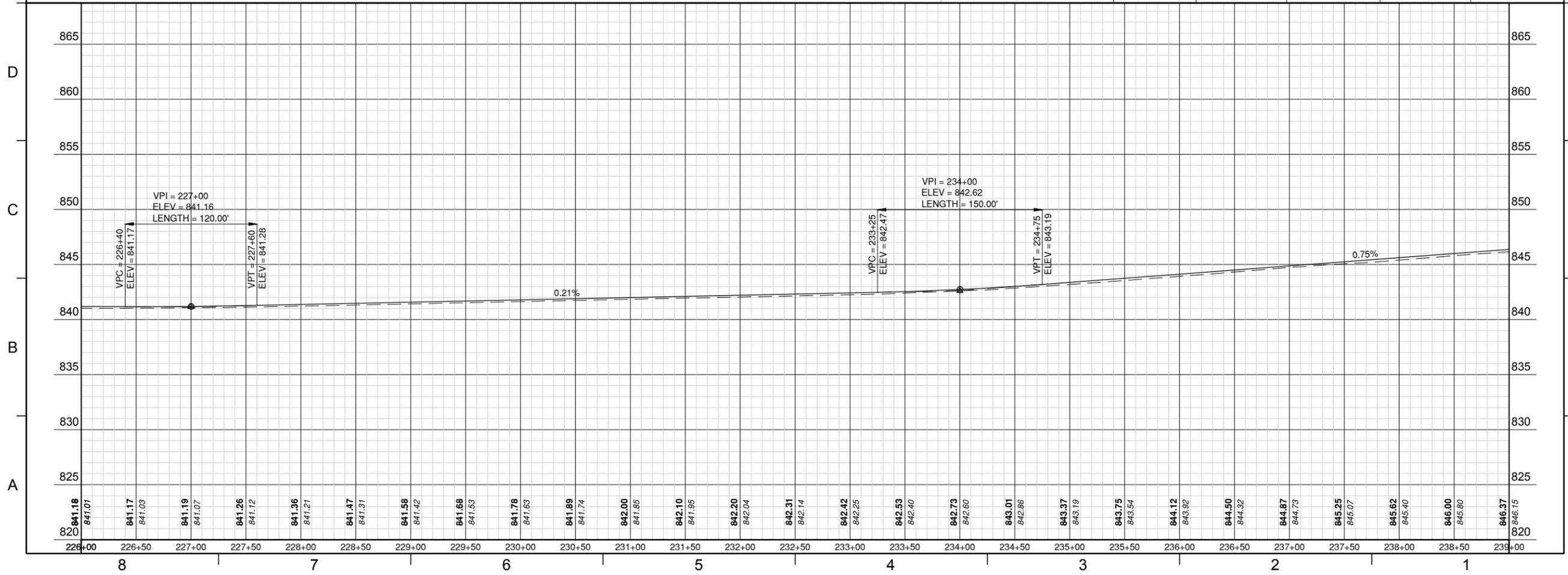
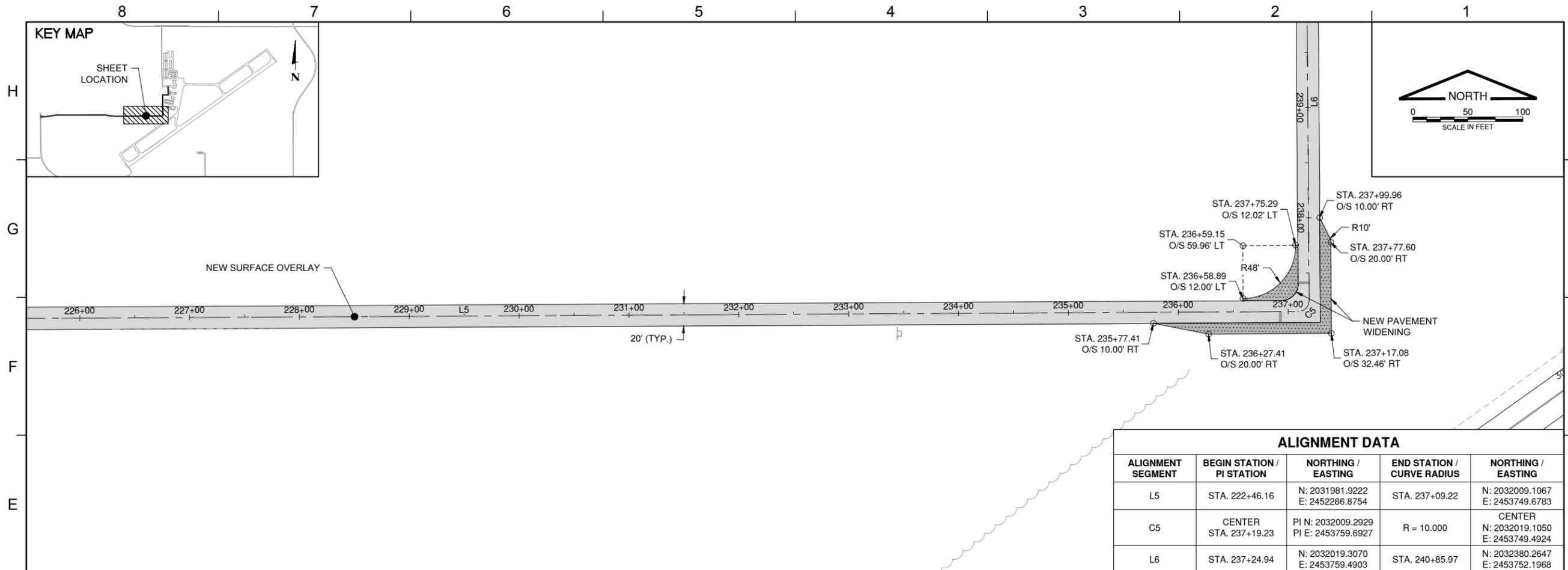
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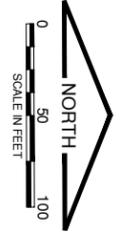
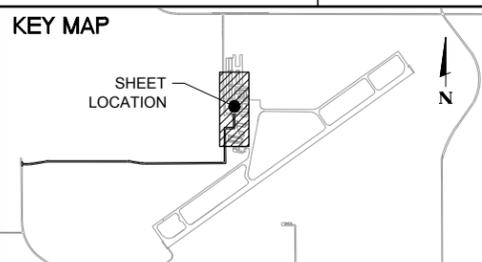
PROJECT NO.: 21001617.00
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SHEET NO. **12** REVISION

SHEET 12 OF 25 SHEETS



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REV	DATE	DESCRIPTION

PROJECT NAME:

CONSTRUCT SOUTHWEST
TERMINAL AREA ENTRANCE
ROAD, PHASE 2

SHEET TITLE:

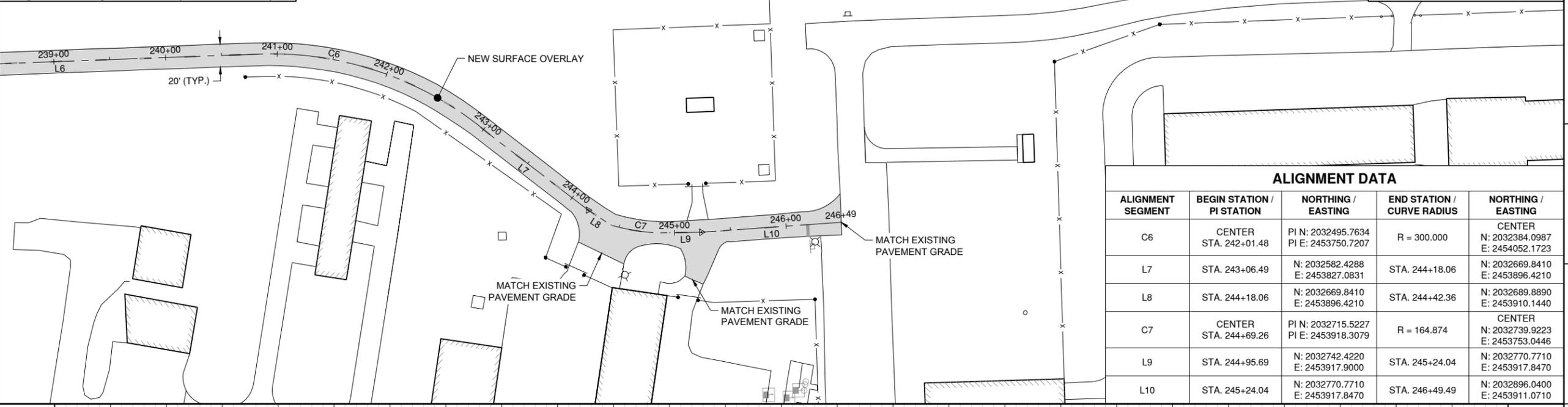
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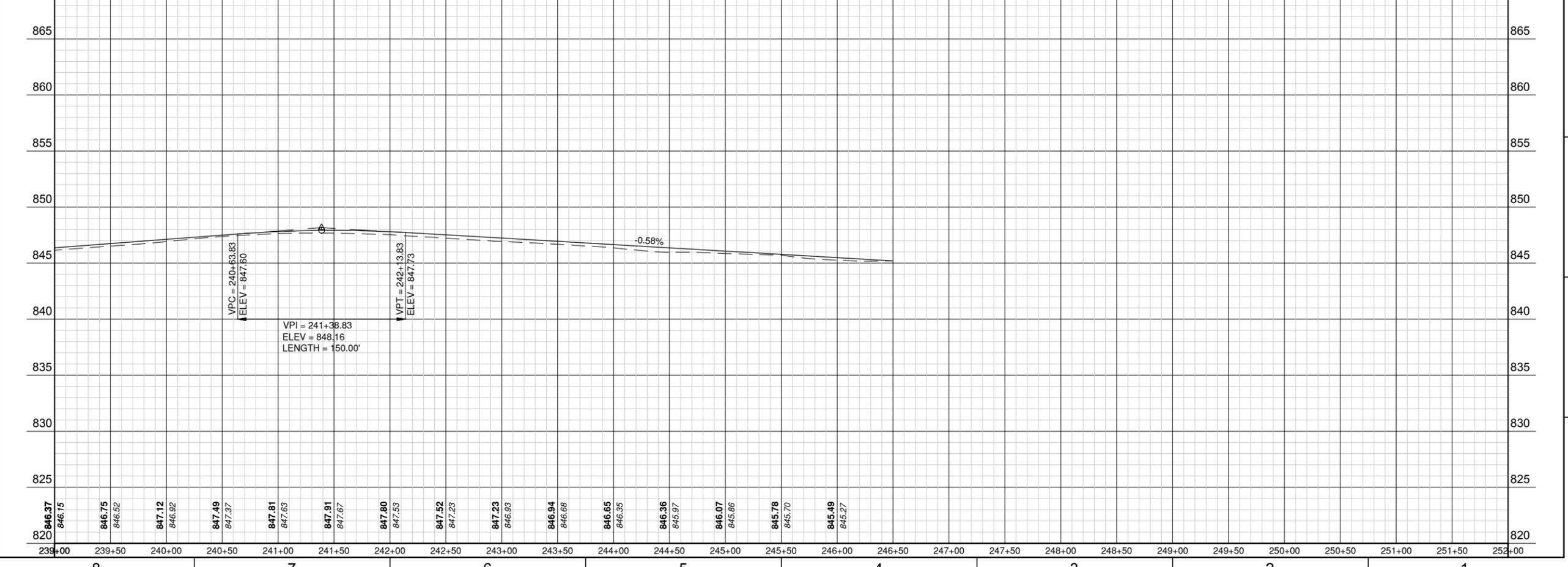
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SHEET NO. **13** REVISION

SHEET 13 OF 25 SHEETS

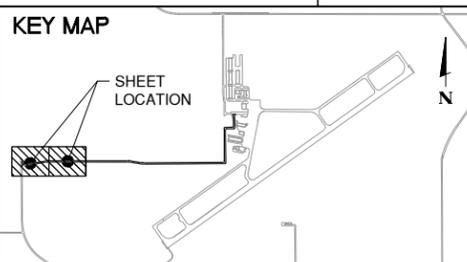


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L7	STA. 243+06.49	N: 2032582.4288 E: 2453827.0831	STA. 244+18.06	N: 2032669.8410 E: 2453896.4210
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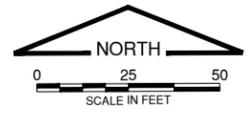
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239+00 239+50 240+00 240+50 241+00 241+50 242+00 242+50 243+00 243+50 244+00 244+50 245+00 245+50 246+00 246+50 247+00 247+50 248+00 248+50 249+00 249+50 250+00 250+50 251+00 251+50 252+00



LEGEND

822	EXISTING CONTOUR		EXISTING INLET/MANHOLE
822	PROPOSED CONTOUR		EXISTING FLARED END SECTION
	NEW GRADE		EXISTING FENCE
	EXISTING GRADE		EXISTING STORM SEWER
	EXISTING BUILDING		EXISTING UNDERDRAIN



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REV DATE DESCRIPTION
PROJECT NAME:

**CONSTRUCT SOUTHWEST
TERMINAL AREA ENTRANCE
ROAD, PHASE 2**

SHEET TITLE:

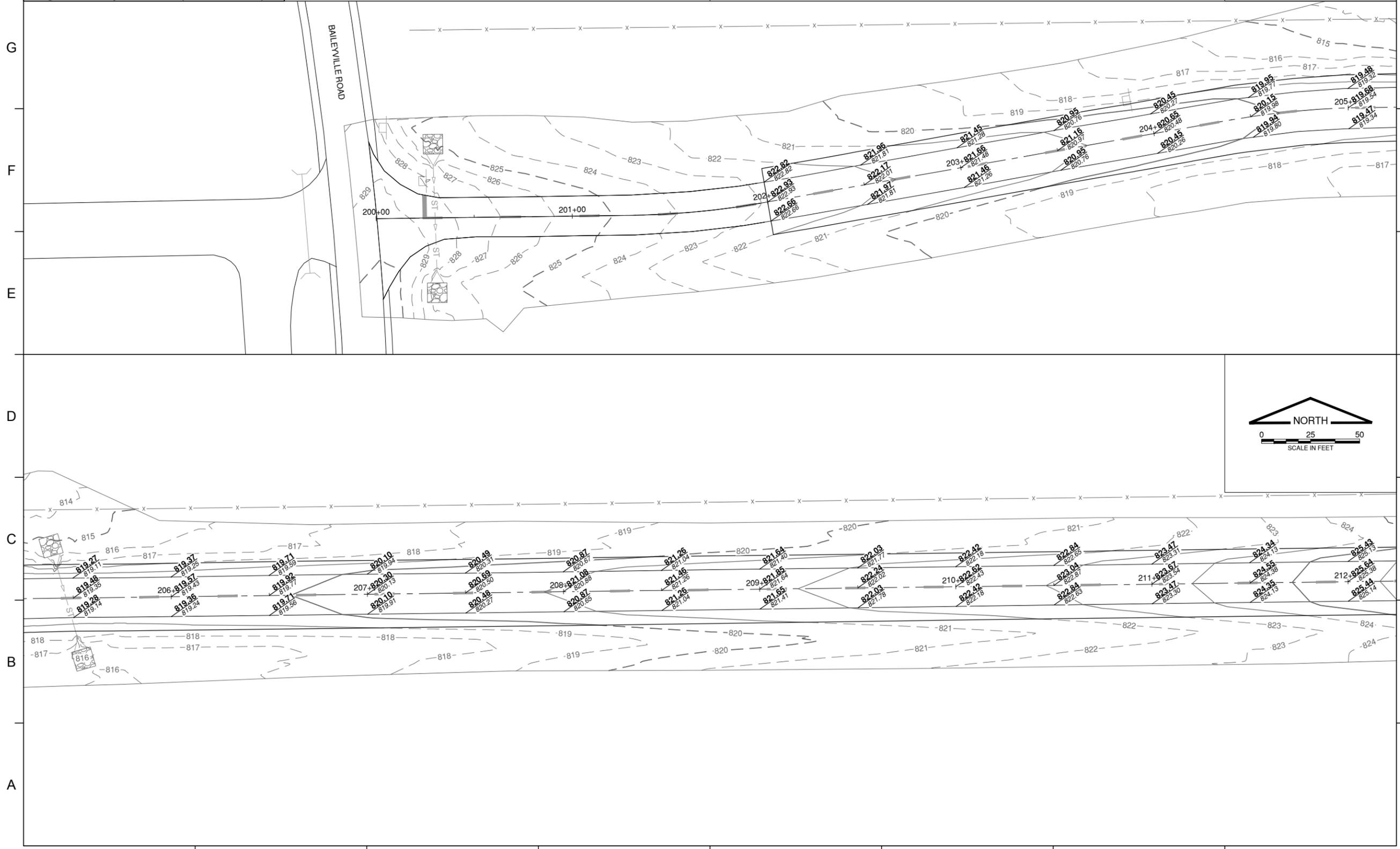
GRADING PLAN 1

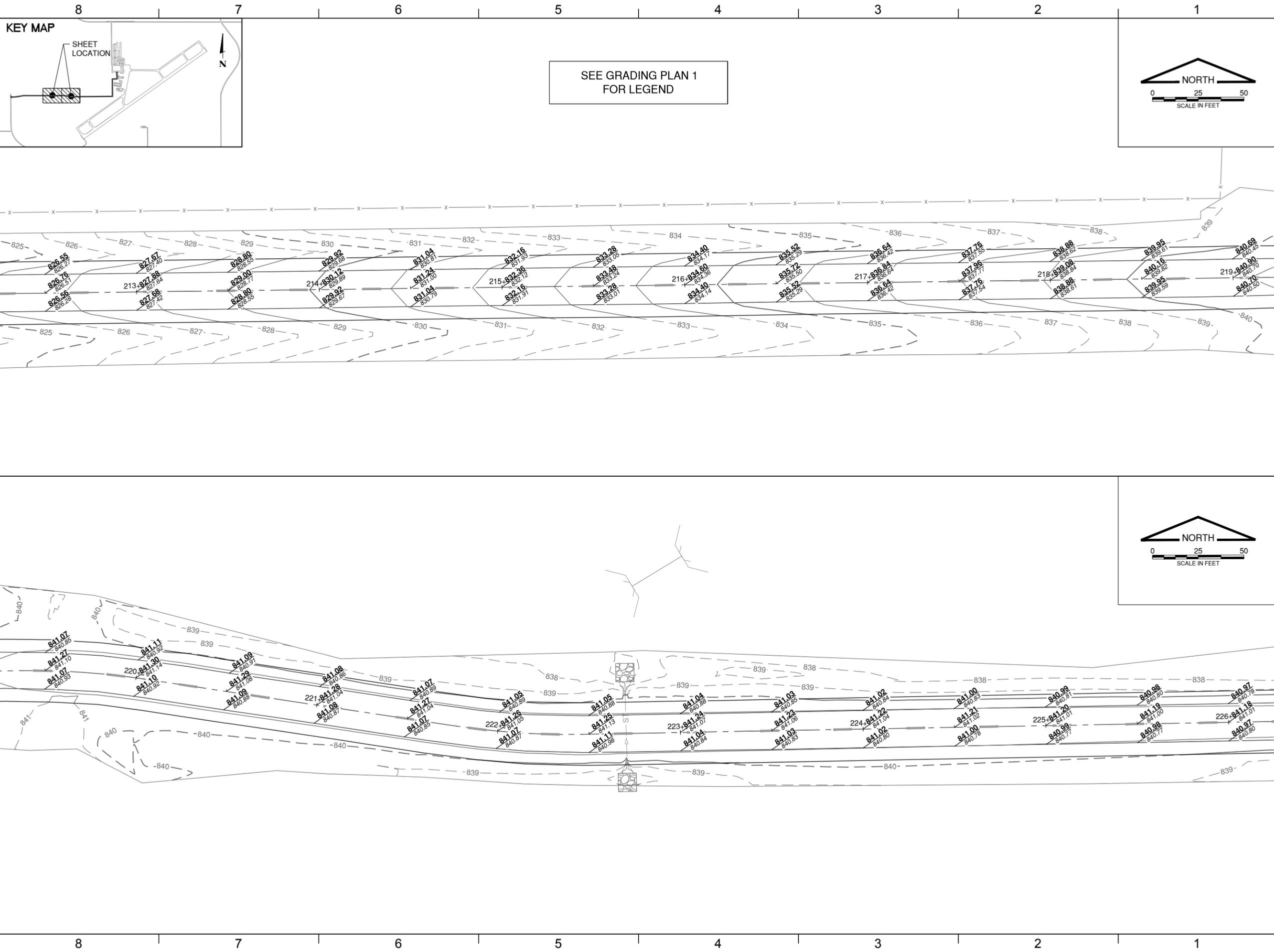
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PROJECT NO.: 21001617.00
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SHEET NO. **14** REVISION

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BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

CONSTRUCT SOUTHWEST
TERMINAL AREA ENTRANCE
ROAD, PHASE 2

SHEET TITLE:

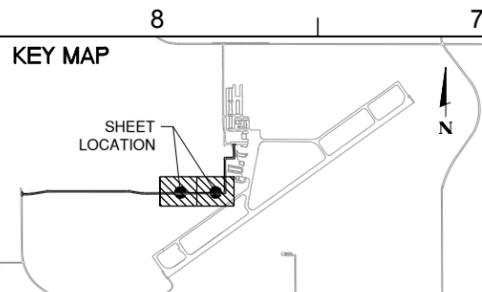
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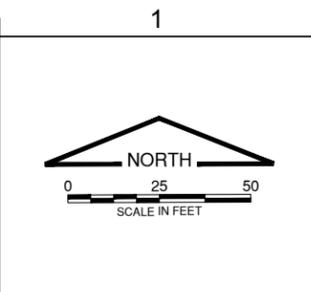
PROJECT NO.: 21001617.00
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15	

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SEE GRADING PLAN 1
FOR LEGEND



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BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

CONSTRUCT SOUTHWEST
TERMINAL AREA ENTRANCE
ROAD, PHASE 2

SHEET TITLE:

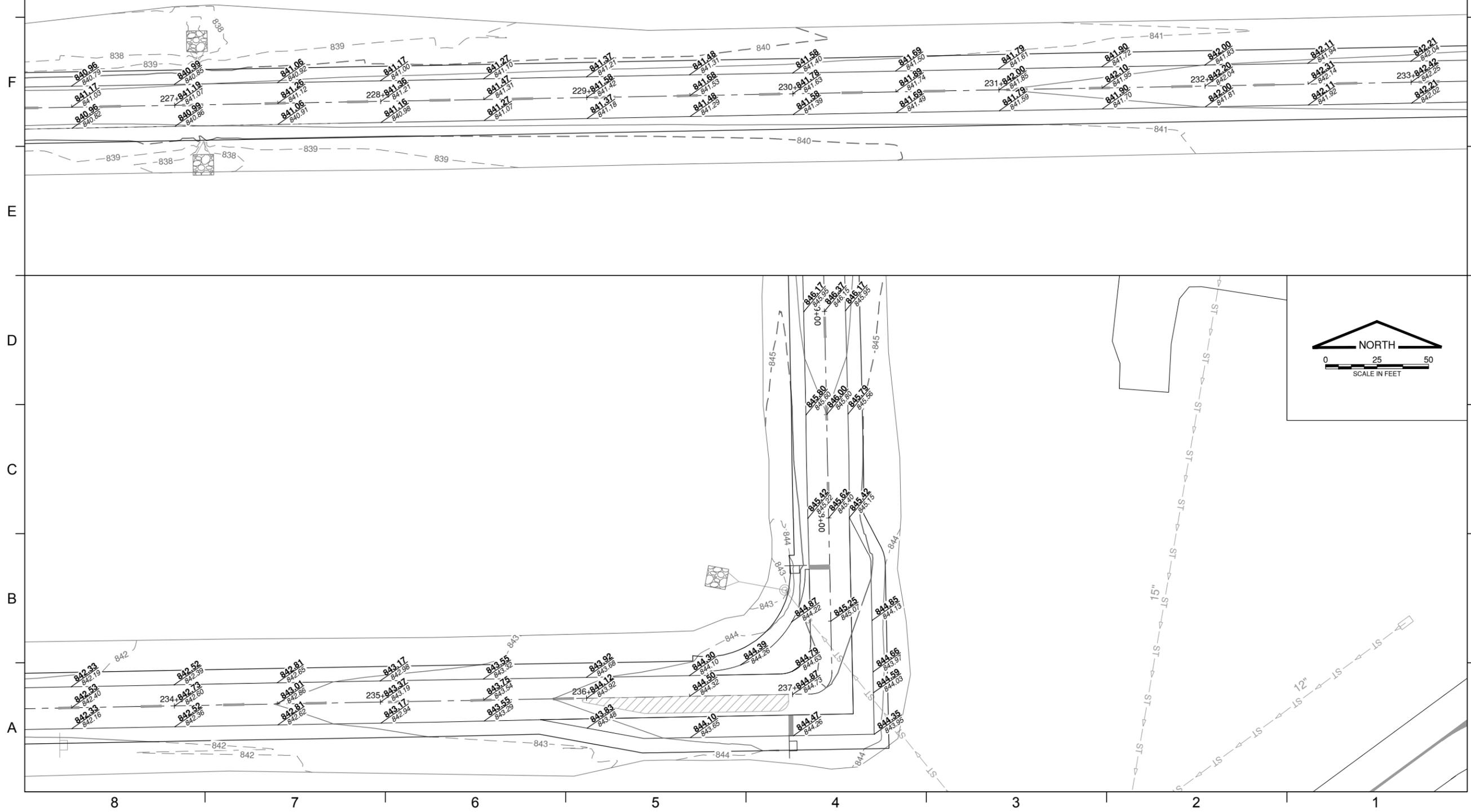
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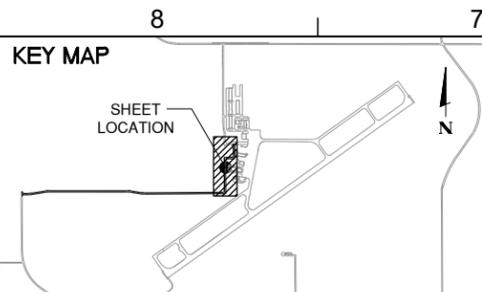
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PROJECT NO.: 21001617.00
DATE: SEPTEMBER 22, 2023

SHEET NO. **16** REVISION

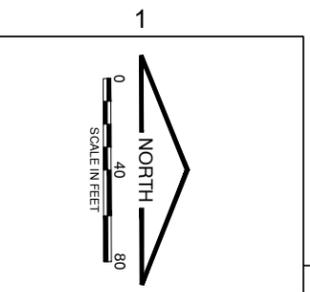
SHEET 16 OF 25 SHEETS





GENERAL NOTES

- CONTRACTOR SHALL INSTALL CONDUIT RISER ON EXISTING UTILITY POLE WITH WEATHERHEAD FOR NEW ELECTRIC SERVICE. NEW ELECTRICAL SERVICE SHALL BE 60A, 120/240V, 1-PHASE, 3-WIRE. COORDINATE NEW SERVICE WITH UTILITY COMPANY.
- CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF PROPOSE LIGHT POLE FOUNDATIONS AS TO CONFLICT WITH EXISTING OR PROPOSED UTILITIES AND DRAINAGE STRUCTURES. LIGHT POLE FOUNDATION SHALL BE MINIMUM 3-FT EDGE TO EDGE FROM AN EXISTING UTILITY OR DRAINAGE STRUCTURE. LIGHT POLE FOUNDATIONS SHALL BE MINIMUM 3-FT FROM EDGE OF PAVEMENT TO CENTER OF THE FOUNDATION.



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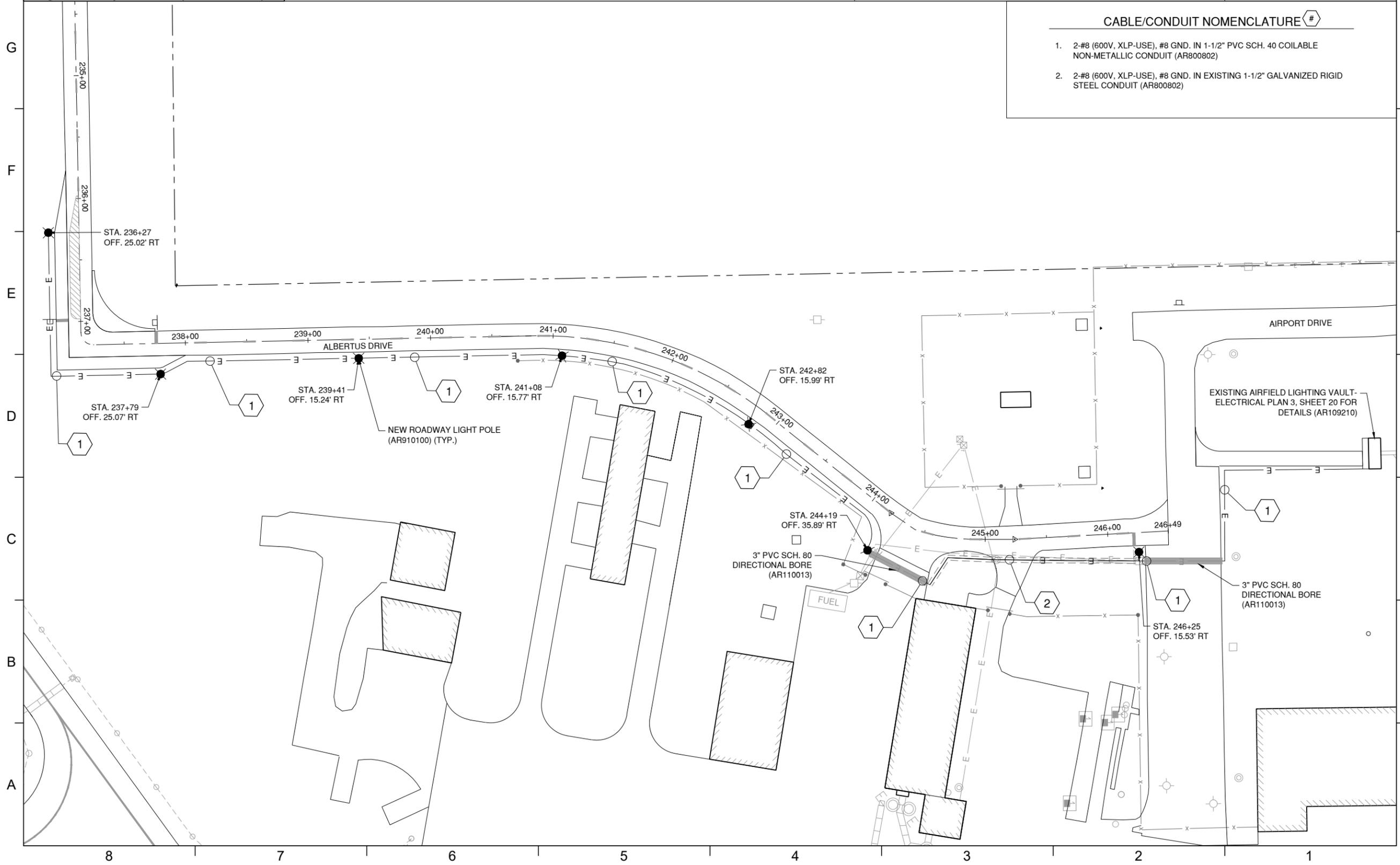
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CABLE/CONDUIT NOMENCLATURE

- 2-#8 (600V, XLP-USE), #8 GND. IN 1-1/2" PVC SCH. 40 COILABLE NON-METALLIC CONDUIT (AR800802)
- 2-#8 (600V, XLP-USE), #8 GND. IN EXISTING 1-1/2" GALVANIZED RIGID STEEL CONDUIT (AR800802)



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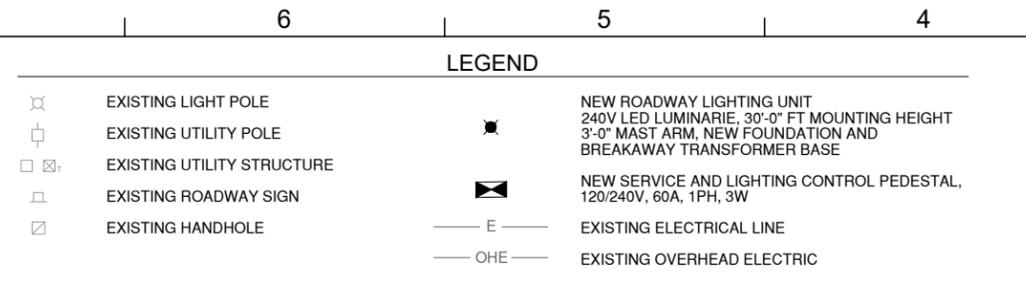
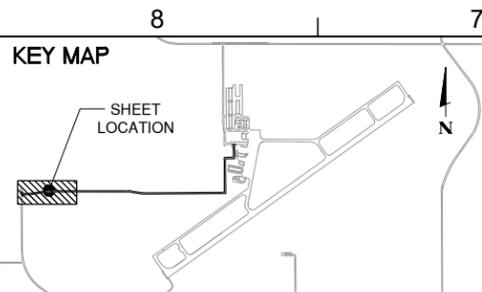
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PROJECT NAME:

CONSTRUCT SOUTHWEST TERMINAL AREA ENTRANCE ROAD, PHASE 2

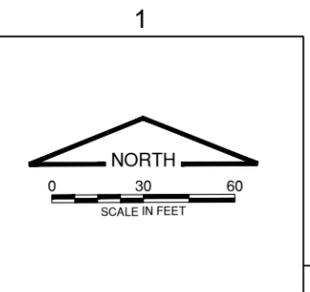
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ELECTRICAL PLAN 1

DESIGNED:	DRAWN:	CHECKED:
CMT-MLI	CMT-MLI	CMT-MLI
PROJECT NO.:	21001617.00	
DATE:	SEPTEMBER 22, 2023	
SHEET NO.	18	REVISION
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GENERAL NOTES

- CONTRACTOR SHALL INSTALL CONDUIT RISER ON EXISTING UTILITY POLE WITH WEATHERHEAD FOR NEW ELECTRIC SERVICE. NEW ELECTRICAL SERVICE SHALL BE 60A, 120/240V, 1-PHASE, 3-WIRE. COORDINATE NEW SERVICE WITH UTILITY COMPANY.
- CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF PROPOSE LIGHT POLE FOUNDATIONS AS TO CONFLICT WITH EXISTING OR PROPOSED UTILITIES AND DRAINAGE STRUCTURES. LIGHT POLE FOUNDATION SHALL BE MINIMUM 3-FT EDGE TO EDGE FROM AN EXISTING UTILITY OR DRAINAGE STRUCTURE. LIGHT POLE FOUNDATIONS SHALL BE MINIMUM 3-FT FROM EDGE OF PAVEMENT TO CENTER OF THE FOUNDATION.



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PROJECT NAME:
**CONSTRUCT SOUTHWEST
TERMINAL AREA ENTRANCE
ROAD, PHASE 2**

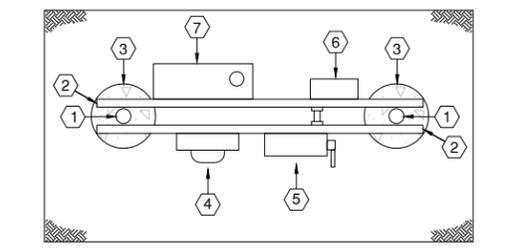
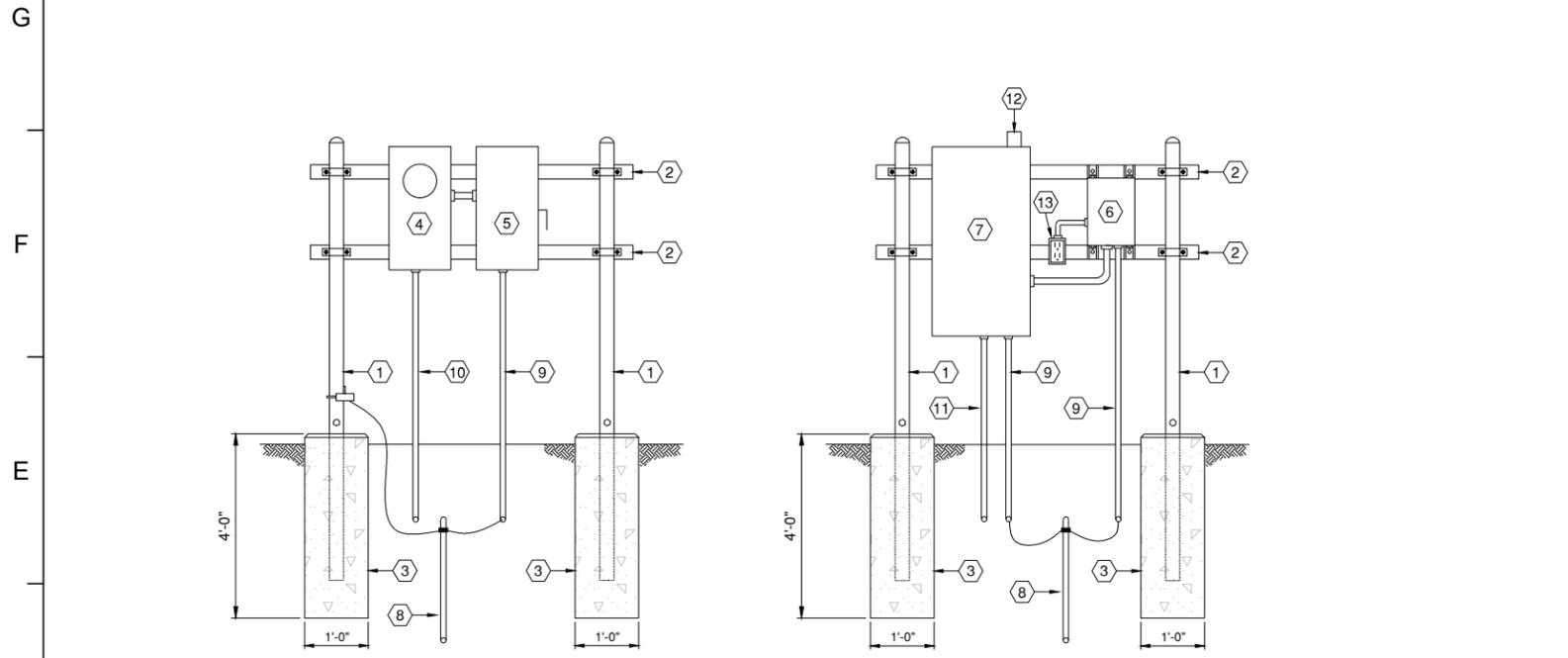
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DESIGNED: CMT-MLI DRAWN: CMT-MLI CHECKED: CMT-MLI

PROJECT NO.: 21001617.00
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SHEET NO.	REVISION
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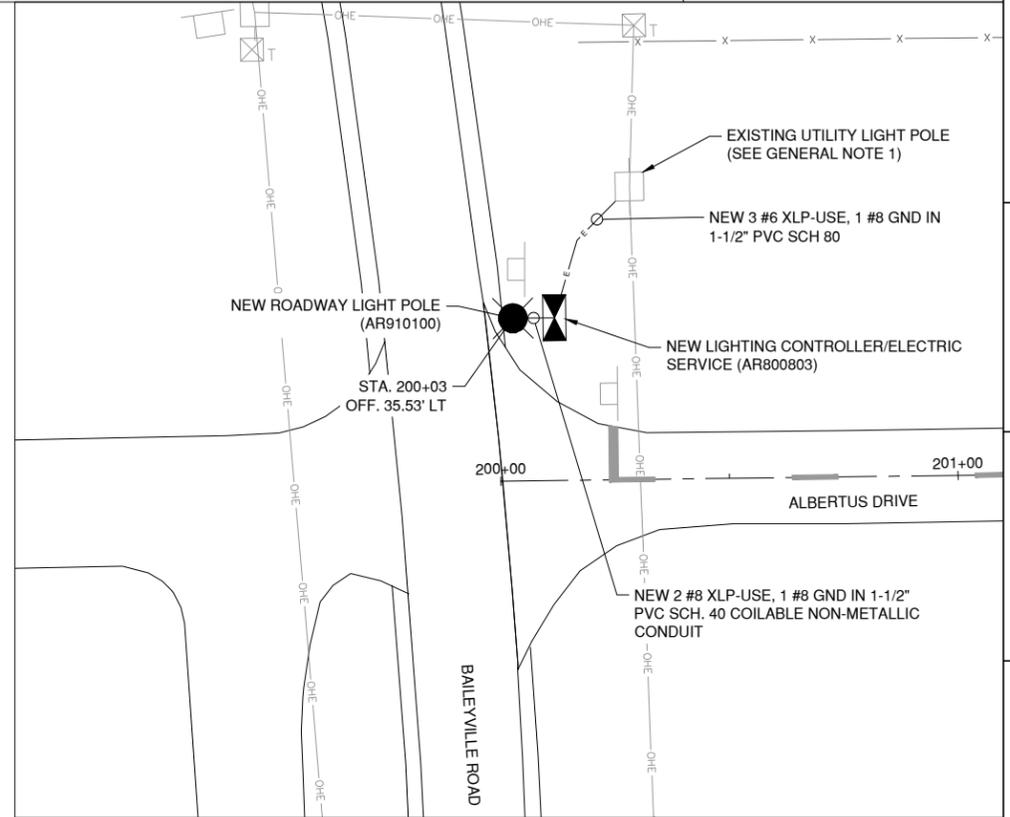
SHEET 19 OF 25 SHEETS



SERVICE AND LIGHTING CONTROL PEDESTAL
NOT TO SCALE

- ### NOMENCLATURE
- ① 3" GRS CONDUIT PEDESTAL SUPPORT WITH END CAPS
 - ② GALVANIZED STEEL UNITSTRUT ATTACHED TO CONDUITS
 - ③ 12" DIA. x 4'-0" DEEP CONCRETE FOUNDATION
 - ④ NEW ELECTRIC UTILITY METER BASE FOR 60A, 120/240V, SINGLE PHASE SERVICE. (METER ENCLOSURE SHALL BE NEMA 3R RATED) UTILITY TO INSTALL METER
 - ⑤ NEW FUSED SERVICE ENTRANCE DISCONNECT 60A, 240V, 2-POLE, NEMA 3R
 - ⑥ NEW LOAD CENTER, 100A, 120/240V, SINGLE PHASE, 2-POLE, NEMA 3R.
 - ⑦ 60A LIGHTING CONTACTOR WITH HAND-OFF-AUTO SELECTOR SWITCH IN NEMA 3R ENCLOSURE, LOCKABLE
 - ⑧ 3/4" DIA. x 10'-0" LONG GROUND ROD
 - ⑨ 1/C #8 GROUND WIRE IN 1" PVC SCH.40 CONDUIT, CADWELDED TO 3/4" DIA. x 10'-0" LONG GROUND ROD
 - ⑩ 3 #6 XLP-USE, 1 #8 GROUND IN 1-1/2" PVC SCH. 80 CONDUIT TO UTILITY POLE
 - ⑪ 2 #8 XLP-USE, 1 #8 GROUND IN 1" GRS CONDUIT TO LIGHT POLE
 - ⑫ PHOTOCCELL MOUNTED ON ENCLOSURE
 - ⑬ CONVENIENCE OUTLET, 20A, 120V, DUPLEX GFCI RECEPTACLE IN WEATHERPROOF ENCLOSURE

- ### NOTES:
- ALL WORK REQUIRED TO INSTALL THE SERVICE AND LIGHTING CONTROL PEDESTAL PER THE DETAIL SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM AR800803.
 - ALL CIRCUIT BREAKERS SHALL BE GFCI
 - ALL EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL AND TRANSITION UNDERGROUND TO PVC SCH. 80. UNLESS OTHERWISE NOTED
 - CONDUITS SHALL BE SECURED TO UNITSTRUT FRAME WITH CONDUIT CLAMP.





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PROJECT NAME:

CONSTRUCT SOUTHWEST TERMINAL AREA ENTRANCE ROAD, PHASE 2

SHEET TITLE:

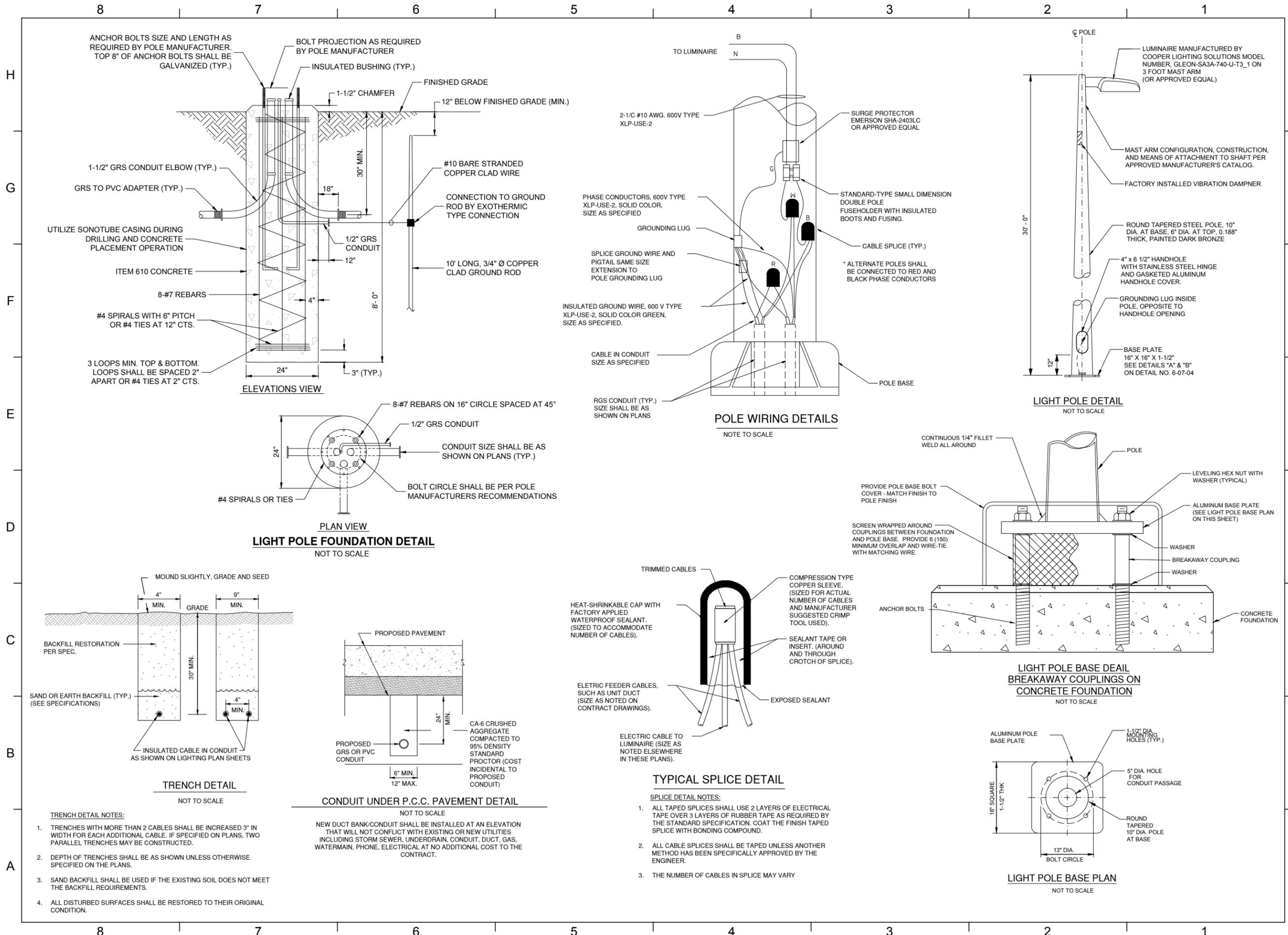
ELECTRICAL DETAILS

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- TRENCH DETAIL NOTES:**
- 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.

NEW DUCT BANK/CONDUIT SHALL BE INSTALLED AT AN ELEVATION THAT WILL NOT CONFLICT WITH EXISTING OR NEW UTILITIES INCLUDING STORM SEWER, UNDERDRAIN, CONDUIT, DUCT, GAS, WATERMAIN, PHONE, ELECTRICAL AT NO ADDITIONAL COST TO THE CONTRACT.

- SPLICE DETAIL NOTES:**
- ALL TAPED SPLICES SHALL USE 2 LAYERS OF ELECTRICAL TAPE OVER 3 LAYERS OF RUBBER TAPE AS REQUIRED BY THE STANDARD SPECIFICATION. COAT THE FINISH TAPED SPLICE WITH BONDING COMPOUND.
 - ALL CABLE SPLICES SHALL BE TAPED UNLESS ANOTHER METHOD HAS BEEN SPECIFICALLY APPROVED BY THE ENGINEER.
 - THE NUMBER OF CABLES IN SPLICE MAY VARY

KEY MAP

LEGEND

	NEW 1.5" & VARIABLE BITUMINOUS SURFACE COURSE OVERLAY		NEW INLET PROTECTION
	NEW 2" WIDE CRUSHED AGG. SHOULDER - 4"		EXISTING MANHOLE/INLET
	NEW PAVEMENT WIDENING		EXISTING FLARED END SECTION
	NEW GRADING, TOPSOIL, SEEDING, AND MULCHING		EXISTING STORM SEWER
			EXISTING UNDERDRAIN
			EXISTING DITCH LINE

GENERAL NOTES

- ADDITIONAL EROSION CONTROL MEASURES REQUIRED AT THE CONTRACTOR STAGING AND STORAGE AREAS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE CONTRACT.
- AT THE COMPLETION OF CONSTRUCTION, THE STAGING AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION. RUTTED AREAS SHALL BE FILLED WITH TOPSOIL AND THE AREA SEEDED AND MULCHED AS NEEDED. RESTORATION COSTS SHALL BE BORNE BY THE CONTRACTOR.
- ALL MARKING LAYOUTS AND DIMENSIONS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.



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PROJECT NAME:
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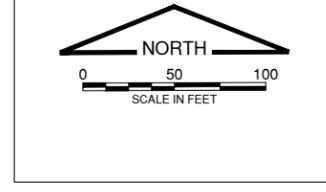
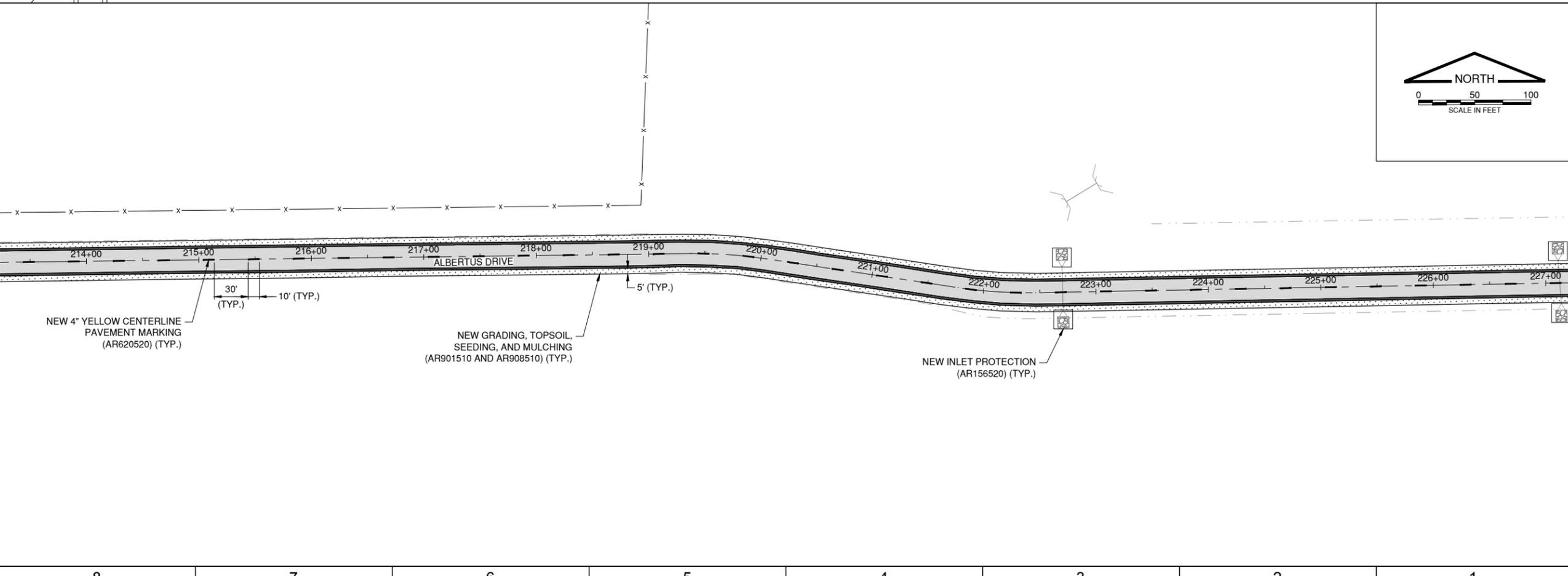
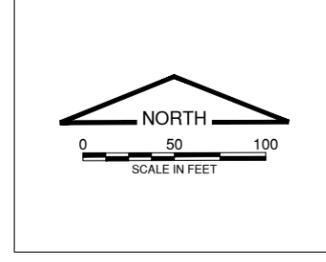
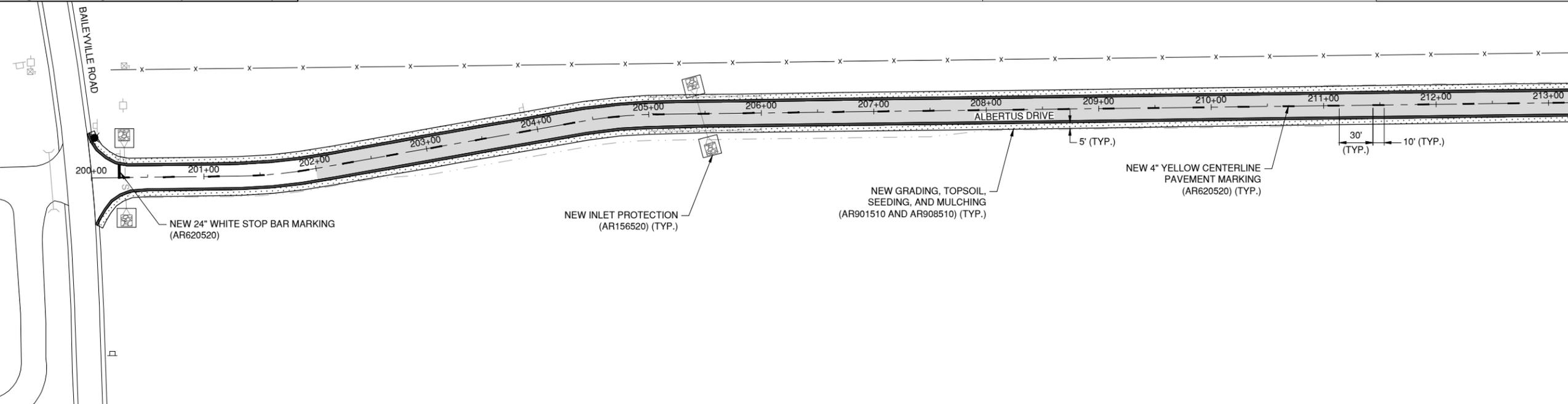
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SWPPP, LANDSCAPING AND MARKING PLAN 1

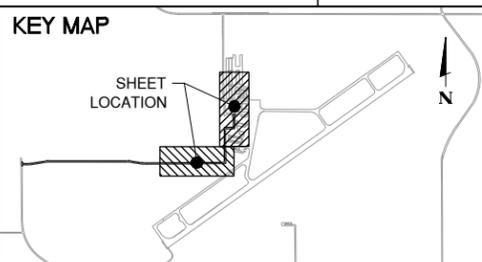
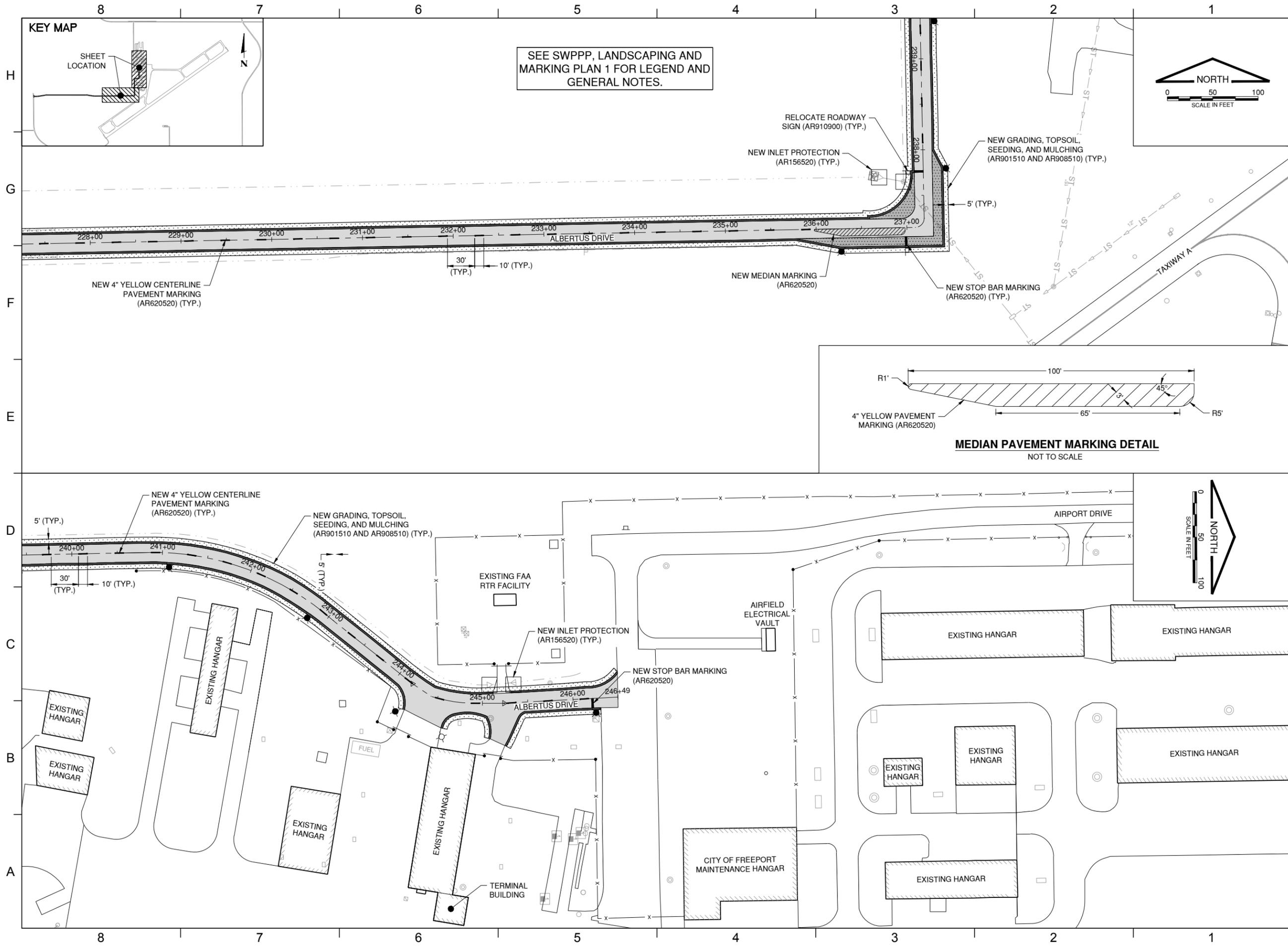
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PROJECT NO.: 21001617.00
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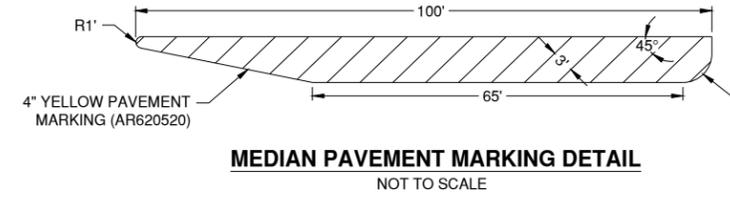
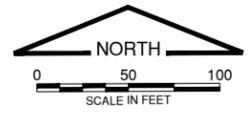
SHEET NO. **22** REVISION

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SEE SWPPP, LANDSCAPING AND MARKING PLAN 1 FOR LEGEND AND GENERAL NOTES.



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SHEET TITLE:
SWPPP, LANDSCAPING AND MARKING PLAN 2

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

PROJECT NO.: 21001617.00
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SHEET NO. **23** REVISION

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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 AT 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 REHABILITATION OF EXISTING BITUMINOUS PAVEMENT AT THE FREEPORT-ALBERTUS AIRPORT. THE PROJECT INCLUDES BITUMINOUS MILLING, BITUMINOUS PAVING, TURF SHOULDER ADJUSTMENTS, PAVEMENT MARKING AND OTHER MISCELLANEOUS CONSTRUCTION WORK.

DESCRIPTION OF CONSTRUCTION ACTIVITY:

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 GRUBBING, EXCAVATION AND GRADING:

- PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL. SUCH AS INLET PROTECTION.
- REMOVAL, ADJUSTMENTS AND INSTALLATION OF MISCELLANEOUS ITEMS.
- BITUMINOUS PAVEMENT MILLING AND PAVING.
- TURF SHOULDER ADJUSTMENT, SEEDING AND MULCHING.
- INSTALLATION OF NEW PAVEMENT MARKING.
- REMOVAL AND DISPOSAL OF TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 4 ACRES OF WHICH 1.10 ACRES WILL BE DISTURBED BY 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 PECATONICA RIVER THROUGH A STORM SEWER SYSTEM.

EROSION AND SEDIMENT CONTROL:

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

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: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SOD, PROTECTION OF TREES, PRESERVATION OF NATURAL VEGETATION, AND ALL OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE 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.

AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.

DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.

AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, INLET PROTECTIONS SHALL BE INSTALLED AS CALLED OUT IN THE PLAN AND DIRECTED BY THE ENGINEER.

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.

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.

EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED, AT THE CONTRACTOR'S EXPENSE, IF THEY ARE TO REMAIN UNUSED FOR MORE THAN SEVEN (7) DAYS.

THE DOWN STREAM SIDE OF ALL STOCKPILES SHALL BE ENCOMPASSED WITH EROSION CONTROL BARRIER.

AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:

A. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.

CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS WITHIN THE STAGING AREA. 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.

THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT PERIODICALLY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2" OR GREATER OR EQUIVALENT SNOWFALL AND DURING WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE RESIDENT ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT THE EROSION AND SEDIMENT CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

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.

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.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING SOIL CONTAMINATION FROM BUILDING MATERIALS, FERTILIZERS, CHEMICALS, PAVEMENT MARKING, WASTE PILES, FUEL CONTAINMENT, AND ANY OTHER POTENTIAL HAZARDOUS MATERIALS THAT MAY EXIST ONSITE.

NO DEDICATED CONCRETE OR ASPHALT BATCH PLANTS SHALL BE LOCATED ON THIS SITE.

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.

COST OF MAINTAINING THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE INCLUDED INCLUDED IN THE UNIT BID PRICE FOR THE VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RE-SEEDED AND/OR SODDED.

MAINTENANCE AFTER CONSTRUCTION:

CONSTRUCTION IS COMPLETE AFTER FINAL ACCEPTANCE BY THE ILLINOIS DIVISION OF AERONAUTICS. MAINTENANCE OF TEMPORARY AND PERMANENT EROSION CONTROL SYSTEMS UP TO THIS DATE WILL BE REQUIRED BY THE CONTRACTOR.

DOCUMENTATION:

PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL COMPLETE AND SUBMIT A "NOTICE OF INTENT (NOI)" PROPERLY SIGNED TO THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.

PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL POST A SIGN OR OTHER NOTICE NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE. IF THIS IS NOT POSSIBLE, THEN IT MAY BE PERMITTED TO POST THIS NOTICE IN A LOCAL PUBLIC BUILDING. THE SIGN OR NOTICE MUST CONTAIN THE FOLLOWING:

1. A COPY OF THE COMPLETED NOTICE OF INTENT (NOI) AS SUBMITTED TO THE IEPA
2. THE LOCATION OF THE SWPPP AND NAME AND 24/7 TELEPHONE NUMBER OF THE CONTACT PERSON.

THROUGHOUT CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN AND UPDATE AN "AS-BUILT" SET OF STORM WATER POLLUTION PREVENTION PLANS IN THE PROJECT FILES. THE SWPPP SHALL BE UPDATED WITHIN 7-DAYS OF ANY MODIFICATIONS TO THE PLANS. THE SWPPP AND ALL REVISIONS SHALL BE RETAINED FOR THREE YEARS AFTER FINAL STABILIZATION OF THE SITE, WHICH SHALL BE DEFINED AS VEGETATION COVER OF AT LEAST 70% OF HISTORIC CONDITIONS.

A STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL INSPECTION REPORT (FORM BC 2259) SHALL BE COMPLETED WITH INSPECTION FREQUENCIES AS OUTLINED HEREIN. SWPPP REPORTS SHALL BE RETAINED FOR THREE YEARS AFTER THE DATE OF FINAL STABILIZATION AS DEFINED HEREIN.

IF ANY VIOLATION OF THE PROVISIONS OF THE PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION COVERED IN THIS PLAN, THE ENGINEER AND/OR CONTRACTOR SHALL COMPLETE AND FILE AN "INCIDENT OF NONCOMPLIANCE (ION)" REPORT FOR THE IDENTIFIED VIOLATION. THE FORMS SHALL BE AS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, AND SHALL INCLUDE SPECIFIC INFORMATION ON THE INCIDENT THAT CAUSED NONCOMPLIANCE, ACTIONS THAT WERE TAKEN TO CORRECT THE NONCOMPLIANCE AND TO PREVENT ITS' REOCCURRENCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G. OF THE GENERAL PERMIT.

AFTER PROJECT FINAL ACCEPTANCE, THE CONTRACTOR SHALL COMPLETE AND SUBMIT A "NOTICE OF TERMINATION (NOT)" FORM PROPERLY SIGNED TO THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY. FORMS FOR THE IEPA SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL, MAIL CODE #15
ATTN: PERMIT SECTION
1021 NORTH GRAND AVENUE EAST
P.O. BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

NPDES PERMIT #	_____
DATE ISSUED	_____
DATE EXPIRED	_____

GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL:

1. ALL TREE PROTECTION, SEDIMENT CONTROL MEASURES, AND PERMANENT AND TEMPORARY STORM WATER PRACTICES SHALL BE IN PLACE PRIOR TO STARTING CONSTRUCTION.
2. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR FLOWING WATER SHALL BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOWS AT ALL TIMES. THE USE OF EARTHEN MATERIAL FOR ISOLATION WILL NOT BE ACCEPTABLE.
3. CONSTRUCTION MATERIALS AND/OR OTHER STOCKPILES SHALL NOT BE LOCATED ON STREAM BANKS NOR IN THE PATH OF STREAM FLOW.
4. TEMPORARY EROSION CONTROL DEVICES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
5. PERMANENT SEEDING SHALL BE USED WHENEVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG GRADING OR SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
6. THE CONTRACTOR SHALL INSPECT ADJACENT STREETS DAILY AND CLEAN ADJACENT STREETS WHEN NECESSARY. ADJACENT STREETS SHALL BE KEPT FREE OF SOIL AND DEBRIS.
7. SHOULD IT BE NECESSARY TO REMOVE ANY EROSION CONTROL DEVICES FOR CONSTRUCTION REASONS, THE CONTRACTOR SHALL FIRST OBTAIN PERMISSION AND SHALL REPLACE AND/OR REPAIR THE REMOVED DEVICES THE SAME DAY. THE COST OF REMOVING AND REPLACING THE DEVICE SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
8. ALL OTHER SOIL EROSION AND SEDIMENT CONTROL DEVICES AND MEASURES DEEMED NECESSARY BY THE RESIDENT ENGINEER, STEPHENSON COUNTY, FREEPORT-ALBERTUS AIRPORT, IDOT DIVISION OF AERONAUTICS, AND THE IEPA SHALL BE IMPLEMENTED IMMEDIATELY UPON NOTIFICATION OF THE CONTRACTOR.
9. THE CONTRACTOR SHALL PROVIDE LOCATIONS FOR CONCRETE TRUCK WASHOUT, AS APPROVED BY THE ENGINEER, PRIOR TO ANY CONCRETE POURS. THESE LOCATIONS SHALL NOT BE NEAR ANY STREAM OR BODY OF WATER. LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY CONCRETE POURS. ADDITIONALLY THE CONTRACTOR SHALL PROVIDE ADEQUATE FACILITIES TO WASH OUT PAVING EQUIPMENT AND FINISHING TOOLS. ALL WASTE WATER AND EXCESS CONCRETE MATERIALS SHALL BE CONTAINED BY AN APPROVED CONCRETE WASHOUT FACILITY.
10. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES TO ENSURE THAT EROSION CONTROL MEASURES ARE CONSISTENT BETWEEN ALL PROJECT PHASES AND ALL SUB-CONTRACTORS.
11. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS TO REMAIN FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT, OR BY HIS PERSONNEL. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF IN THE WETLANDS.
12. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED BY AN APPROVED MEANS.
13. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE DEVICE OR AS RECOMMENDED BY THE MANUFACTURER, WHICHEVER IS LESS.
14. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES ARE OPERATIONAL.
15. THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET AND HEAVY MULCHING.
16. PERMANENT STABILIZATION SHALL BE COMPLETED WITHIN 7 DAYS FOR AREAS WHERE WORK IS COMPLETED.

CONTRACTOR CERTIFICATION STATEMENT

THIS CERTIFICATION STATEMENT IS A PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR THE PROJECT DESCRIBED BELOW IN ACCORDANCE WITH NPDES PERMIT NO. ILR10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.

PROJECT INFORMATION:

ROUTE: FREEPORT-ALBERTUS AIRPORT MARKED: CONSTRUCT SOUTHWEST TERMINAL AREA ENTRANCE ROAD, PHASE 2
SECTION: 21 PROJECT NUMBER: FEP-4489
COUNTY: STEPHENSON CONTRACT NUMBER: FR047

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE: _____ DATE: _____

PRINTED NAME: _____ TITLE: _____

NAME OF FIRM: _____

STREET ADDRESS: _____

CITY, STATE, ZIP: _____

PHONE NUMBER: _____

THE INFORMATION WITHIN THIS BOX SHALL BE COMPLETED BY THE CONTRACTOR AFTER THE AWARD OF THE CONTRACT TO OBTAIN THE REQUIRED NPDES PERMIT FROM IEPA. COMPLETION OF THIS IS A CONTRACT REQUIREMENT.

RECORD OF SITE DISTURBANCE AND STABILIZATION

MAJOR GRADING ACTIVITIES: LOCATION: _____	BEGINNING DATE: _____ COMPLETION DATE: _____
MAJOR GRADING ACTIVITIES: LOCATION: _____	BEGINNING DATE: _____ COMPLETION DATE: _____
SITE STABILIZATION: LOCATION: _____	BEGINNING DATE: _____ COMPLETION DATE: _____
SITE STABILIZATION: LOCATION: _____	BEGINNING DATE: _____ COMPLETION DATE: _____
CONSTRUCTION CEASED: EXPLANATION: _____	BEGINNING DATE: _____ COMPLETION DATE: _____

THE INFORMATION WITHIN THIS BOX SHALL BE COMPLETED BY THE CONTRACTOR AS CONSTRUCTION PROGRESSES IN ACCORDANCE WITH THE NPDES GENERAL PERMIT FOR STORMWATER DISCHARGES. THIS INFORMATION MAY ALSO BE NOTED DIRECTLY ON THE SWPPP SITE MAP.



FREEPORT - ALBERTUS AIRPORT



FR047

FREEPORT - ALBERTUS AIRPORT
FREEPORT, IL

CITY OF FREEPORT
ILLINOIS

IL Proj:
FEP-4489

APPROVED AS WORKING PLAN
BY:

REV DATE DESCRIPTION
PROJECT NAME:

CONSTRUCT SOUTHWEST
TERMINAL AREA ENTRANCE
ROAD, PHASE 2

SHEET TITLE:

SWPPP NOTES

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

PROJECT NO.: 21001617.00
DATE: SEPTEMBER 22, 2023

SHEET NO. 24 REVISION

SHEET 24 OF 25 SHEETS

