AU062 TOTAL SHEETS: 67

CITY OF AURORA AURORA, ILLINOIS

CONSTRUCTION PLANS FOR

AURORA MUNICIPAL AIRPORT

CALL J.U.L.I.E BEFORE EXCAVATING 1-800-892-0123

AURORA MUNICIPAL AIRPORT

SECTION: 7, 17 AND 18 RANGE: 7 EAST TOWNSHIP: 38 NORTH

COUNTY: KANE U.S. ROUTE 30 SUGAR GROVE TOWNSHIP

DESIGN INFORMATION

DESIGN AIRCRAFT APPROACH CATEGORY D
DESIGN AIRCRAFT GROUP III

APPROVED AURORA, ILLINOIS

APPROVED MAYOR

THOMAS WEISNER

20

APPROVED AIRPORT DIRECTOR

ROBERT A. RIESER, P.E., A.A.E.

DATE 3-10-06 20—

CRAMFORD, MARFHY & TILLY, NC.

CRAMFORD, MARFHY & TILLY, NC.

CONSULTING ENGNEERS

SPRINGFELD, L. MARCINA L. MOCKAGO, L. MCCLUMBUS, OF MEDIWARDSVILE, L.

SUBMITTED BY

D. KYLE PEABODY, P.E.

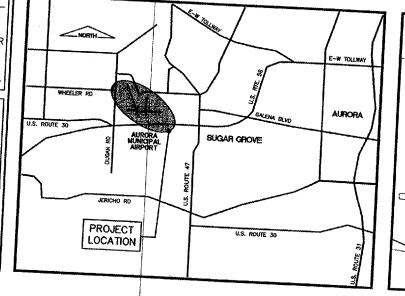
DATE

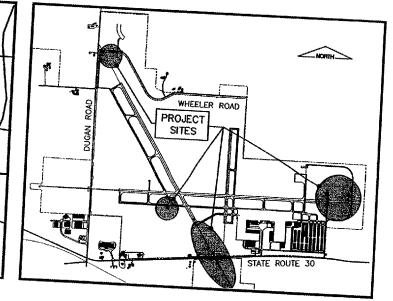
3-16-06

CONSTRUCT RUNWAY 33
INSTRUMENT LANDING SYSTEM;
RELOCATE RUNWAY 9 LOCALIZER

ILLINOIS PROJECT: ARR-3468 A.I.P. PROJECT: 3-17-0003-B31

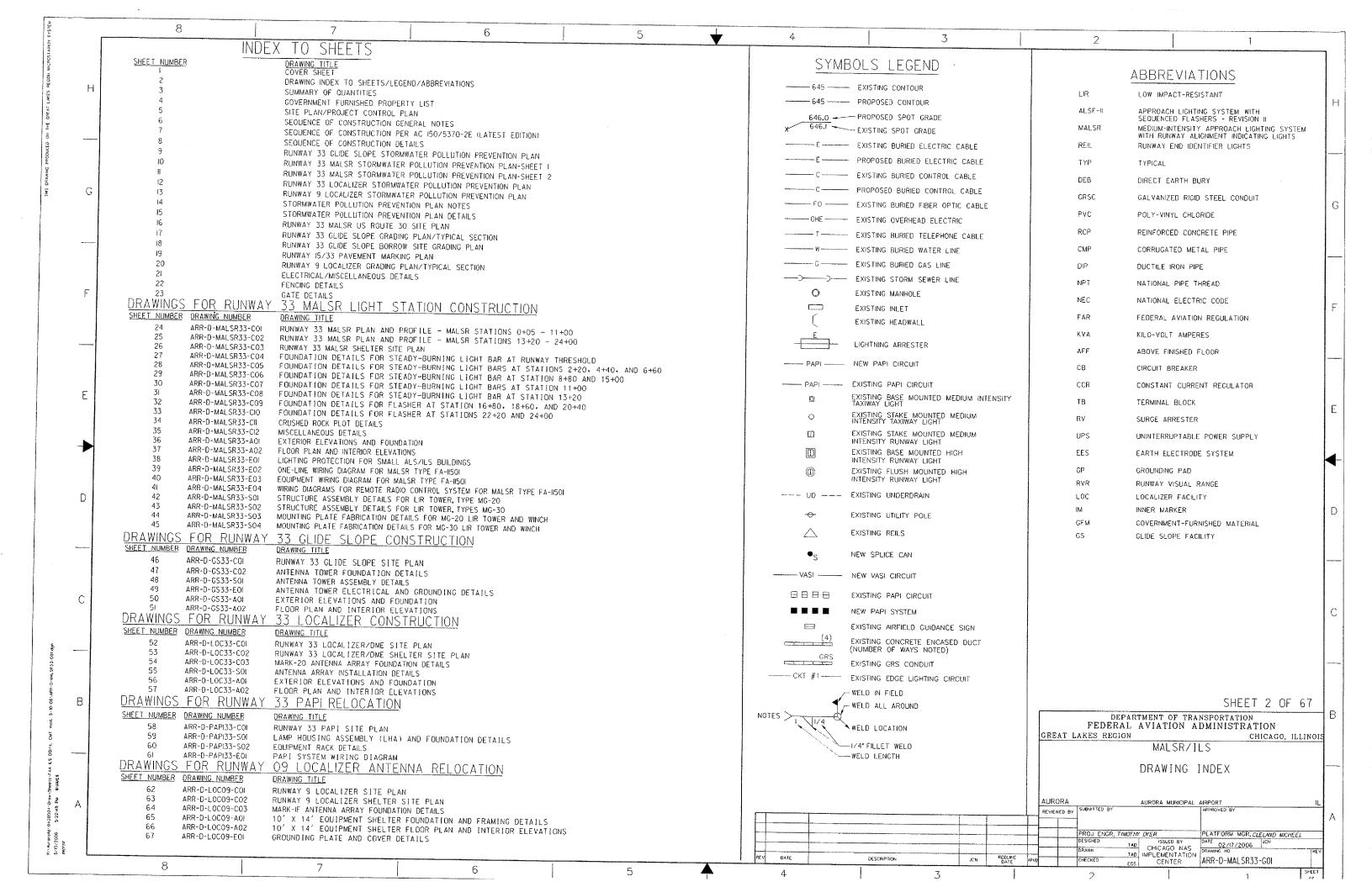
MAY 12, 2006





LOCATION MAP

SITE PLAN



SUMMARY OF QUANTITIES

ITEM	DESCRIPTION	UNIT	RUNWAY	33 ILS	RUNWAY 9 LOCALIZER RELOC.		TOTAL	
NO.		1 1	ESTIMATED	RECORD	ESTIMATED	RECORD	ESTIMATED	RECORD
AR107960	RELOCATE WINDCONE	EACH	1		-		1	
AR108082	1/C #2 XLP-USE	LF	225	***************************************	60		285	
AR108158	1/C #8 5 KV UG CABLE IN UD	LF	850			***************	850	
AR110212	2" STEEL DUCT, DIRECT BURY	LF	130				130	
AR110214	4" STEEL DUCT, DIRECT BURY	 	76				76	
AR110314	4" STEEL DUCT, JACKED	T LF	172	***************************************			172	······
AR110550	SPLIT DUCT	 [j 	18		 		118	***************************************
AR125565	SPLICE CAN	EACH	1		 		1 2	~~~~
AR125907	REMOVE REILS	PAIR	'				1	
AR125942	ADJUST BASE MOUNTED LIGHT	EACH	8				8	
AR125968	RELOCATE PAPI	EACH	- 1				1	
AR127410	LOCALIZER	LS	<u>'</u>					
AR127415	DME	LS	1					
AR127410	GLIDESLOPE	LS	i -t-	***************************************			1	
AR127430	SHELTER BUILDING	EACH						
AR127450	MALSR INSTALLATION			************************	1		4	
AR127903	REMOVE SHELTER BUILDING	LS EACH					!!	
AR127961	RELOCATE LOCALIZER	LS					1	
AR150510	ENGINEER'S FIELD OFFICE			***************************************	1		1	
		LS	1		<u> </u>		1	
AR151410 AR152410	CLEARING UNCLASSIFIED EXCAVATION	ACRE	0.50	······································			1	
		CY	5,700		530		6,230	
AR156510	SILT FENCE	LF	5,000	~~~~			5,000	
AR156513	SEPARATION FABRIC INLET PROTECTION	SY	8,050		625		8,675	
AR156520		EACH	3			·····	3	······································
AR162506	CLASS E FENCE 6'	LF	410				410	· · · · · · · · · · · · · · · · · · ·
AR162716	ELECTRIC GATE - 16'	EACH	1				1	
AR209606	CRUSHED AGG, BASE COURSE - 6"	SY	1,460		225		1,685	
AR209608	CRUSHED AGG. BASE COURSE — 8"	SY	6,590		400		6,990	
AR401610	BITUMINOUS SURFACE COURSE	TON	90		10		100	
AR602510	BITUMINOUS PRIME COAT	GAL	80		10		90	***************************************
AR620520	PAVEMENT MARKING — WATERBORNE	SF	38,100				38,100	
AR620525	PAVEMENT MARKING — BLACK BORDER	SF	7,525		-		7,525	~~~~
AR701218	18" CMP	LF		~~~	47		47	
AR701224	24" CMP	LF	72	***************************************			72	
AR701900	REMOVE PIPE	LF	72		45		117	***************************************
AR705900	REMOVE UNDERDRAIN	LF	50	*******	-		50	
AR752218	METAL END SECTION 18"	EACH		T0-000	2		2	
AR752224	METAL END SECTION 24"	EACH	4				4	
AR800025	3-1/C #4 XLP-USE, 1/C #8 GND. IN UD	LF	185				185	
AR800030	ILS POWER MODIFICATIONS	LS	1		***		1	
AR800033	TREE CLEARING AND GRUBBING (6" - 15")	IN-DIA	12				12	
AR800034	TREE CLEARING AND GRUBBING (+15")	IN-DIA	165				165	
AR800101	DELINEATOR	EACH	**		3		3	
AR800119	REMOVE GRAVEL	CY			1,440		1,440	
AR800123	CABLE BARRIER GATE	EACH	-		1		1	
AR800124	ADJUST GLIDESLOPE	LS	1				1	
AR800127	RELOCATE GATE	EACH	1			****	1	
AR800145	LOCALIZER GROUND CHECK POINT	EACH	4		2		. 6	
AR800158	3-1/C #6 XLP-USE 600V, 1/C #8 GND IN UD	LF	-		950	······	950	***************************************
AR901510	SEEDING	ACRE	33.0		10,0	······································	43.0	
AR908510	MULCHING	ACRE	33.0		10.0		43.0	
AR910420	BOLLARD	EACH	6		2		8	

RELOCATED L-810 OBSTRUCTION LIGHT
RELOCATED 100W, 120V ALL WEATHER SPOT LAMP (TYP.)
18" DIA. X 8' LONG
10' MAX.
RELOCATED POLE SHALL HAVE A FRANGIBLE COUPLING AT BOTTOM AND SHALL BE B' MIN. IN HEIGHT.
NEW WIND CONE SPLICE CAN AND NEW TRANSFORMER (COST INCIDENTAL TO WIND CONE) STORY NEW 4-5/8" x 27" ANCHOR "J" BOLTS LOCATED PER MANUFACTURES BASE PLATE BOLT PATTERN. MUST PROJECT 2.5" (MIN.) ABOVE CONCRETE.
NEW 2-I/C #8, L-824 5KV CABLE IN 3/4" UNIT DUCT RWY. 15/33 CIRCUIT. (SEE PLAN SHEET.) NEW 1" GRSC WITH SECONDARY WIRING NEW #8 AWG BARE STRAND
SECONDARY WIRING NEW 1/2" DIA. PVC CONDUIT FOR GROUND WIRE NEW ITEM 610 CONCRETE
NEW 24" (MIN.) SQUARE OR

RELOCATED EXTERNALLY LIGHTED WIND CONE AND BASE DETAIL

NOT TO SCALE

AU062
PATH: K:\Auroraap\0428504\Draw\Sheet
FILE: qty.dwg
UPDATE BY: johse
SURVEY BOOK #
XREF DWG:
XREF DWG:
DATE: Tue 12/14/04 5:51pm REVISIONS NUMBER BY DATE THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22). QUANTITIES AURORA MUNICIPAL AIRPORT AURORA, ILLINOIS CONSTRUCT RUNWAY 33 ILS, RELOCATE RUNWAY 9 LOCALIZER Р SUMMARY DESIGN BY: CAL DRAWN BY: JRO CHECKED BY: CAL. APPROVED BY: DATE: 05/12/06 JOB No: 04285-04 ILLINOIS PROJECT: ARR-3468 A.I.P. PROJECT: 3-17-0003-831 FINAL SUBMITTAL

SHEET 3 OF 67 SHEETS

AURORA MUNICIPAL AIRPORT, AURORA, IL GOVERNMENT FURNISHED PROPERTY LIST March 1, 2006

	l NCN	Description	Obs	11-14	Course
Item 1		Description MALSR Equipment, Type FA-11500	Qty 1	Unit SET	Source PSR
	0200-00-330-30331	(DME Corp.) consisting of: 1 MALSR control cabinet 1 MALS 15KVA transformer 5 flasher junction boxes 5 individual flasher control cabinets 5 flasher light units 18 PAR-56 lampholders 45 PAR-38 lampholders 1 flasher tester 1 current transformer assembly MALSR Instruction Books (2 ea) TI 6850.89 *	1	SEI	
2	6240-00-569-58541	LAMP, PAR 56 120V	20	EA	PSR
3	5970-01-462-3685	Silicone rubber insulator disk (gasket, washer), lamp—retaining hardware for PAR—56 steady—burning	18 Iamp	EΑ	PSR
4	6210-01-455-61631	LAMPHOLDER AIMING DEVICE	1	EA	PSR
5	6210-00-633-68871	THRESHOLD LIGHT FILTER, GREEN	20	EA	PSR
6	5120-01-098-73751	MG-30/40 LIFTING FRAME JACK	1	EA	PSR
7	8200-00-300-17281	LIR TILT DEVICE (MANUAL WINCH)	1	EA	PSR
8	5820-01-295-88881	ENCODER INTERFACE	1	EA	PSR
9	5820-01-295-88891	SWITCH ASSY PANEL	2	EA	PSR
10	5820-01-295-88901	SW ASSY CABINET	1	EA	PSR
11	5820-01-295-88901	RRCS RECEIVER	2	EA	PSR
12	5985-01-297-41091	RRCS RECEIVER ANTENNA	2	EA	PSR
13	5865-01-295-88951	RRCS DECODER UNIT	2	EA	PSR
14	8200-00-001-5276-1	RRCS INTERFACE UNIT	2	EA	PSR
15		MODEL RC-1T5A AIR-GROUND RCVR/CNTRLR	1	EA	PR

The above material will be furnished to the contractor at the Aurora Municipal Airport. or at local FAA storage facility. For access to these items, contact Don Geist SSC technician 815/509-3200 or the FAA contacting officer for FAA purchased material.

Shelter Accessories	
Storage Cabinet	3KR01
Storage Cabinet	4W031
Fire Extinguisher	4T889
Magnifier Bench Lamp	EM1200
Wall Clock	IT-80643
First Aid Kit	4A418
Waste Basket	7520-00-261-6911
Flashlight	4PG56
Battery, D Size	6135-00-835-7210
ESD Wrist Strap	SGWSG52
ESD Wrist Strap Tester	SP3019
Chair Foot Stool	FR80030
Stool, Workbanch, Gray	917159GY
Test Lead Holder	458TE912
Step Stool	IT-9078
Element Wattmeter, 25W	6625-00-960-8255
Element Wattmeter, 10W	6625-00-949-5362
Element Wattmeter, 500mW	6625-01-083-8520
Element Wattmeter, 5W	6625-00-497-2912
Element Wattmeter, 1W	6625-00-058-3007
Element Wattmeter, 500mW	6625-01-483-2605
Element Wattmeter, 250mW	6625-00-974-6300
Element Wattmeter, 100mW	6625-01-481-8975

Government Furnished Property List for ILS

	vernment rurmisned Property List for it		Overall Dimensions	Weight and Volume
Qty	Nomenclature	FAA Туре No.	cm (in.) Crated (H/W/D)	kg/m3 (lb/ft3)
1	Localizer Electronic Subsystem, including:	FA~10582	220.98/121.92/101.6 (87/48/40)	Crated 215/2.74 (474/96.6)
1	Localizer JBox		1	/
1	Glide Slope Electronic Subsystem, including:	FA10584	220.98/121.92/101.6 (87/48/40)	222.26/2.74 (490/96.6)
1	Glide Slope Distribution Unit and Combining Unit	FA-10586		
3	Marker Beacon Electronic Subsystem	FA10587	220.98/121.92/101.6 (87/48/40)	166.92/2.74 (368/96.6)
1	Localizer Distrbution Unit and Combing Unit	FA~10583	157.48/81.28/71.12 (62/32/28)	59.87/0.91 (132/32.1)
1	Remote Control and Status Unit Electronics Subsystem, including:	FA10590	220.98/121.92/101.6 (87/48/40)	161.48/2.74 (356/96.6
1	ILS Remote Status and Interlock Unit	FA10591		
1	Link Control Unit Group	FA-10593		
1	Portable ILS Receiver Group,	FA10592		
1	Localizer Environmental Sensor Kit, Glide Slope	ş		
2	12-voit, 100-ampere haur battery	?	50.8/43.18/43.18 (20/17/17)	93.89/0.093 (207/3.3)
2	12-volt, 100-ampere hour battery	ş	49/43.18/43.18 (20/17/17)	93.89/0.093 (207/3.3)
2	12—volt, 100—ampere haur battery	?	49/43.18/43.18 (20/17/17)	93.89/0.093 (207/3.3)
2	12-volt, 100-ampere hour battery	?	49/43.18/43.18 (20/17/17)	93.89/0.093 (207/3.3)
4	12-volt, 100-ampere hour battery	?	71.12/63.5/38.1 (28/25/15)	191.87/0.17 (423/6)
4	12-volt, 100-ampere haur battery	?	71.12/63.5/38.1 (28/25/15)	191.87/0.17 (423/6)
4	12-volt, 100-ampere hour battery	?	71.12/63.5/38.1 (28/25/15)	191.87/0.17 (423/6)
1	Glide Slope Antenna Mounting Kit	?	203.2/15.24/12.7 (80/6/5)	22.68/0.03 (50/1)
1	Glide Slope Antenna Mounting Kit	?	203.2/15.24/12.7 (80/6/5)	22.68/0.03 (50/1)
1	Glide Slope Antenna Mounting Kit	?	203.2/15.24/12.7 (80/6/5)	22.68/0.03 (50/1)
3	Localizer Log-Periodic Antenna	FA-9913	299.72/111.76/170.18 (118/44/67)	244.94/5.7 (540/201.3)
3	Localizer Log~Periodic Antenna	FA-9913	299.72/111.76/170.18 (118/44/67)	244.94/5.7 (540/201.3)
3	Localizer Log-Periodic Antenna	FA-9913	299.72/111.76/170.18 (118/44/67)	244.94/5.7 (540/201.3)
3	Localizer Log-Periodic Antenna	FA-9913	299.72/111.76/170.18 (118/44/67)	244.94/5.7 (540/201.3)
1	Part of Localizer Antena Installation Kit	?	134.62/109.22/83.82 (53/43/33)	112.94/1.23 (249/43.5)
1	Part of Lacalizer Antena Installation Kit	?	332.58/60.96/38.1 (127/24/15)	93.44/0.75 (206/26.5)
1	Part of Localizer Antena Installation Kit	?	121.92/121.92/60.96 (48/48/24)	68.04/0.91 (150/32)
1	Part of Localizer Antena Installation Kit	?	182.88/121.92/38.1 (72/48/15)	113.4/0.85 (250/30)
	Part of Localizer Antena Installation Kit	?	182.88/121.92/38.1 (72/48/15)	97.07/0.85 (214/30)
1	Part of Localizer Antena Installation Kit	?	182.88/121.92/38.1 (72/48/15)	131.54/0.85 (290/30)
1	Part of Localizer Antena Installation Kit	?	182.88/121.92/38.1 (72/48/15)	101.6/0.85 (224/30)

Government Furnished Property Parts List for Glide Slope

ITEM	QTY	DESCRIPTION	WPN
2	60	Washer, Lock Galvanized 7/8"	* (Note 4)
3	72	Nut, Hex Galvanized 7/8"-9	* (Note 4)
4	1	Tower, Antenna 50'	447820-0003
5	2	Section, Tower 20' (Part of Item 4)	* (Note 3)
6	2	Section, Tower 5' (Part of Item 4)	* (Note 3)
. 7	36	Bolt, Hex 7/8"9x2-1/2"	* (Note 3)
8	60'	Rail, Carrier	* (Note 3)
9	5	Plate, Splice	* (Note 3)
10	20	Bolt, Tap, 5/16"-18x1"	* (Note 3)
11	10	Clamp, Ladder Rung	P/O Item 9
12	20	Bolt, Tap, 3/8"16x3"	* (Note 3)
13	40	Nut, Hex 3/8"-16	* (Note 3)
42	1	Light, OBS	* (Note 3)
43	2	Bulb, Light	035623-0000
44	2	Assembly, Ground	* (Note 3 & 9)
45	3	Frame, Antenna Mounting	088476-0001
46	12	Channel, Mounting	088476-0002
47	12	Clamp, "U" 3" Diameterx3/8"~16	088476~0004
48	12	Angle, Support	088476-0005
49	48	Washer, Lock 3/8"	088476-0007
50	48	Nut, Hex 3/8"-16	0884760006
51	24	Lock, Channel	088476-0009
52	24	Bolt, Hex 3/8"-16x1-1/2"	088476-0008
53	3	Element, Antenno	447977-0001
61	3	Cable, Assembly Htr *14-3 SJO	094675-0001

*(Note 3) Part of Glide Slope Tower (WPN 447820-0003) No Wilcox Part Number Available

*(Note 4) Wilcox provides 36 of items 2 and 3 for assembly of Tower sections.

Government Furnished Property Parts List for LOC.

****************	QTY		WPN
1	14	Support Assembly, Rear	119006000
2	14	Support Assembly, Front	119007000
3	56	Bolt, Hex 5/16"-18 x 1-1/2"	919063~003
4	112	Washer, Flat 5/16" Washer, Lock 5/16"	925001-0008 926001-008
5	112	Washer, Lock 5/16"	926001~008
6		Nut, Hex 5/16"-18	930000-2314
7	14	Element, Antenno	4478370100
8	1_	Bracket, Mtg Distr Unit, Right	093431-000
9	1	Bracket, Mtg Distr Unit, Right Bracket, Mtg Distr Unit, Left	093431-000 093431-0002
10	4	Bolt, Hex 1/4"~20 x 3/4"	919065-0005
11	16	Washer, Flat 1/4"	925001~000
12	12	Washer, Lock 1/4"	926011-008
13	12	Nut, Hex 1/4"-20	930000225
14	1	Unit, Distr Assembly	120354000
15	1	Raceway, Cable Adapter (RT)	282220-000
16	1	Raceway, Cable Adapter (LT)	2822200002
17	2	Gasket, Raceway Adapter (DU)	265050000
18	10	Raceway, Cable Wrapper (CTR) 26"	282173-000
19	. 56	Bolt, Hex 5/16"-18 x 1"	9190630030
20	12	Raceway, Cable Sect Top 94" L	282217000
21	12	Raceway, Cable Sect Bot 94" L	282218-000
22	310	Screw, Mach. #8 - 32 x 1/2" PHPHMS	915014-0045
23	310	Screw, Mach. #8 − 32 x 1/2" PHPHMS Washer, Flat #8	925000-080
24	130	Nut, Self-Locking #8 - 32	100482-0008
25	164	Nut, Speed #8 - 32	100999000
26	2	Cover, Adapter Raceway (DU)	489113000
27	2	Cap End Raceway	281621-000
28	10	Cover, Wrapper Raceway (CTR) Cap, Weather Shield	489043000
29	14	Can Weather Shield	265048~000
30	28	Bolt, Hex 1/4"-20 x 4-1/4"	919070-002
31	28		925000-0810
32	28	Washer, Flat 1/4: Nut, Hex 1/4"-20	930026~000
	14	Gasket, Chan Weathercap	
33		Gasket, Chan Wedthercap	265047-000 282219-000
34	1	Raceway, Cable Adapter End (LT)	
35	1	Roceway, Cable Adapter End (RT)	282219~000
36	2	Cover, Adapter Raceway End	489114000
37	1	Conn. Split Bolt (K523) Kit, Ident Cable Sleeve	229911-0012
38	1	Kit, Ident Cable Sleeve	069200-000
39		Cable, Power, #12-2 UF	111456-000
40	2	Nipple, CND 3/4" x 5" L	033586-000
41	4	Nut, Lock 3/4"	033514-0000
42	2	Bushing, Insulated 3/4"	033516-0000
43	2	Bushing, Insulated 3/4" Unilet, "T" 3/4"	033588-000
44	2	Cover, Unilet	033590-0001
45	2	Gasket, Cover	033728-0003
46	2	CND, 3/4" x 30" L	033671-0004
47	2	Nipple, CND 3/4" x 3" L Nipple, CND 3/4" x 10" L	033586~000
48	2	Nipple, CND 3/4" x 10" L	033586~0005
49	4	EL, 45 CND	033754-000
50	2	CND, 3/4" x 48" L	033671-000
51	2	Light, OBS	035707000
52	4	Bulb, Light	035623-0000
53	4	Hanger, CND 3/4"	033786-000
54	4	Honger, CND 2-1/2"	033786-000 033786-000
55	4	Spacer, Hex Tapped, 2-1/2" L	270706-667
56	8	Screw, Mach. 1/4" - 20 x 1/2"	915016-0079
57	12	Lug, CND Solderless	025478-000
58	12	Screw, Mach. #10-32 x 1/2"	916012-0272
	12	Washer, Flat #10	925000-0808
		Washer Lock #10	926001-008
59		Washer, Lock #10	
59 60	12	Nut Hay #10_30	1 0300010304
59 60 61	12	Nut, Hex #10-32	930001-0304
59 60 61 62	12 16	Nut, Hex #10-32 Conn. Split Bolt (KS17)	229911-0004
59 60 61	12	Nut, Hex #10-32 Conn. Split Belt (KS17) Cond. 3/4" GRS Bolt, Hex Nylon 1/4"-20 x 1" L	930001-0304 229911-0004 230161-0001 502644-005

Contrac	tor F	urnished Property Parts List for LOC.	
ITEM	QTY	DESCRIPTION	WPN
1	112	Bolt, Anchor Galvanized 5/8"-11 x 12"	Contractor Furnished
2	224	Washer, Flat, SQ Galvanized 5/8"	Contractor Furnished
3	224	Nut, SQ Galvanized 5/8"-11	Contractor Furnished
37	1	EL. Sweep 4" GRS 90"	Contractor Furnished
38	1	Cnd. PVC Rigid 4"	Contractor Furnished
38	1	Sealing Locknut, CND 4"	Contractor Furnished
39	1	Grounding Bushing, Insulated 4"	Contractor Furnished
40	1	CND, GRS 2"	Contractor Furnished
39	1	Sealing Lock Nut, CND 2"	Contractor Furnished
40	1	Grounding Bushing, Insulated 2"	Controctor Furnished
74	3	CND Rad 3/4" x 10' Copperciad	Contractor Furnished
75	1	EL, Sweep 2" CRS 90"	Contractor Furnished

AU062 K:\AuroraAp\0428504\Draw\Sheets\
FILE: govlist.dwg

LAYOUT: Layout1 UPDATE BY: johse SURVEY BOOK # DATE: Thu 3/16/06 5:52pm XREF DWG: tbclnt.dwg tb.dwg

REVISIONS NUMBER BY DATE

THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

PROPERTY

LIST

AURORA MUNICIPAL AIRPORT AURORA, ILLINOIS CONSTRUCT RUNWAY 33 ILS, RELOCATE RUNWAY 9 LOCALIZER FURNISHED GOVERNMENT

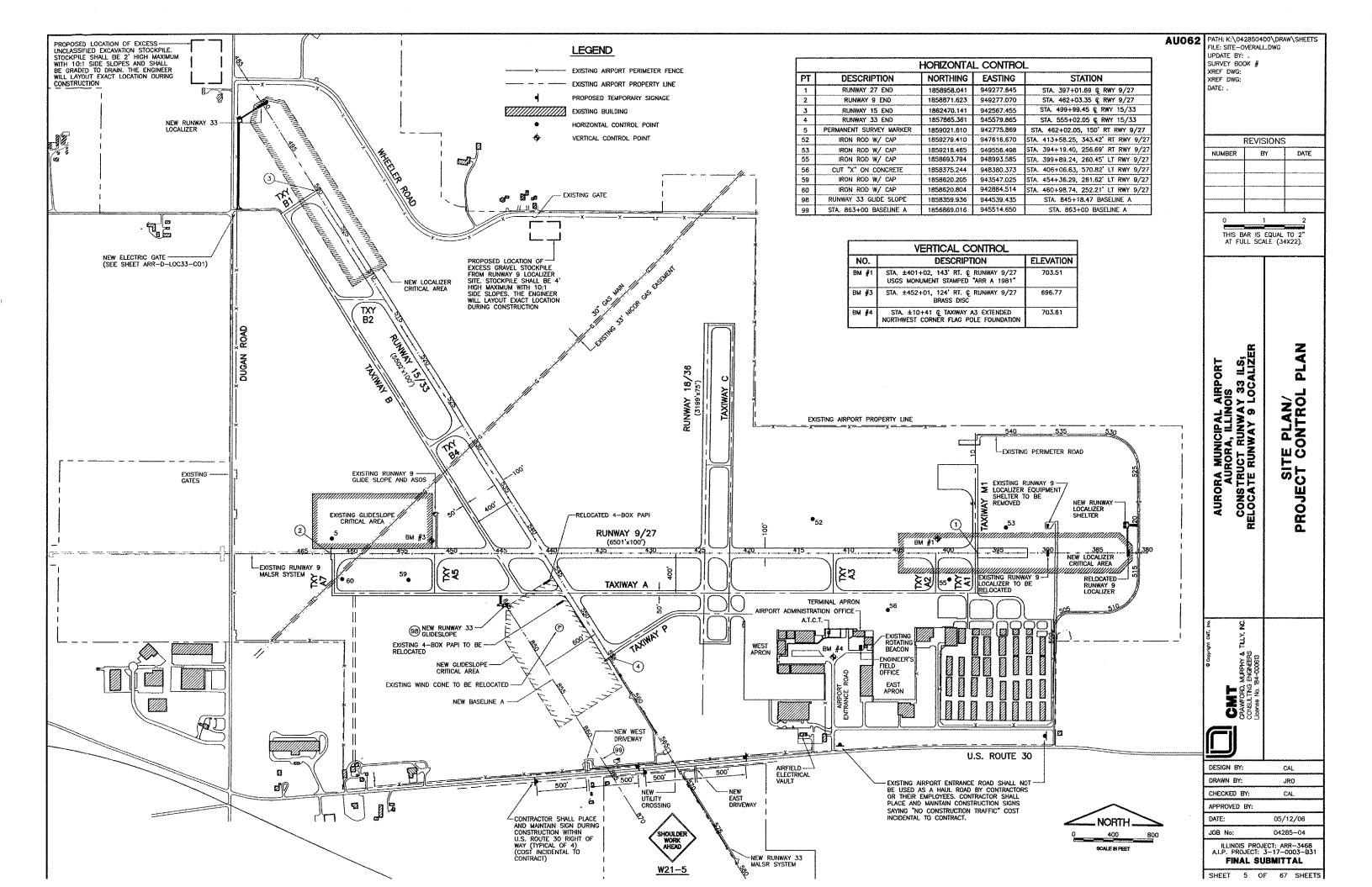
DESIGN BY: CAL DRAWN BY: JRO CHECKED BY: CAL

APPROVED BY:

DATE: 05/12/06 JOB No: 04285~04

ILLINOIS PROJECT: ARR-3468 A.I.P. PROJECT: 3-17-0003-831 FINAL SUBMITTAL

SHEET 4 OF 67 SHEETS



GENERAL NOTES

- 1. THE SUGGESTED SEQUENCE OF CONSTRUCTION SHOWN IS INTENDED TO ALLOW FOR THE ORDERLY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS WHILE MAINTAINING AIRCRAFT ACCESS AT ALL TIMES. THE PHASING SHOWN IS A SUGGESTED SEQUENCE OF CONSTRUCTION ONLY. THIS SEQUENCE MAY BE MODIFIED HOWEVER, ALTERNATE STAGING PLANS MUST MAINTAIN AIRPORT OPERATIONS TO THE SATISFACTION OF THE AIRPORT DIRECTOR AND RESIDENT ENGINEER AND BE APPROVED BY THE DIVISION OF AERONAUTICS AND FEDERAL AVIATION ADMINISTRATION
- 2. ALL OPERATIONS SHALL BE IN CONFORMANCE WITH AC 150/5370-2E (LATEST EDITION) SAFETY DURING
- 3. CONTRACTOR'S EQUIPMENT SHALL BE STORED IN THE EQUIPMENT AND MATERIAL STORAGE AREA WHEN
- 4. THE AIRPORT DIRECTOR IN CONSULTATION WITH THE RESIDENT ENGINEER SHALL HAVE FINAL SAY IN THE APPROVAL OF THE CONSTRUCTION OPERATING SEQUENCE AS IT RELATES TO PEDESTRIAN, VEHICULAR AND
- 5. ALL EXISTING PAVEMENTS, DRIVES OR ANY OTHER AREAS USED AS A HAUL ROAD OR STORAGE AREA BY THE CONTRACTOR SHALL BE RESTORED IN KIND TO THEIR PRE-CONSTRUCTION CONDITION OR TO THE SATISFACTION OF THE RESIDENT ENGINEER AND AIRPORT DIRECTOR. THE COST OF MAINTAINING, REPAIRING OR CONSTRUCTING THESE PAVEMENTS AND AREAS SHALL BE INCIDENTAL TO THE CONTRACT. EXISTING AREAS OUTSIDE THE PROJECT LIMITS WHICH ARE DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY HIM AT HIS EXPENSE TO THE SATISFACTION OF THE RESIDENT ENGINEER AND THE
- 6. THE CONTRACTOR SHALL KEEP ALL TRUCKS, EQUIPMENT AND MATERIALS OFF OF THE EXISTING TAXIWAYS, APRONS AND RUNWAYS OUTSIDE OF THE PROJECT LIMITS EXCEPT AS SHOWN OR WITH THE PRIOR PERMISSION OF THE ENGINEER.
- WORK PERFORMED BY THE CONTRACTOR OUTSIDE OF DAYLIGHT HOURS SHALL BE DONE UNDER SUFFICIENT ARTIFICIAL LIGHTING TO ALLOW FOR PROPER CONSTRUCTION METHODS AND INSPECTIONS, LIGHT SHALL CONSIST OF MOVABLE POLE MOUNTED FLOODLIGHTS AND/OR SPOTLIGHTS OF SUFFICIENT NUMBER TO ILLUMINATE THE WORK AREA. VEHICLE HEADLIGHTS WILL BE ALLOWED ONLY IN ADDITION TO OTHER LIGHTS MENTIONED ABOVE. LIGHTING SHALL BE AS APPROVED BY THE ENGINEER AND SHALL NOT BE USED IF IT AFFECTS FLIGHT SAFETY AND AIRPORT OPERATIONS. CONTRACTOR'S WORK HOURS SHALL BE IN ACCORDANCE WITH LOCAL ORDINANCES.
- THE CONTRACTOR WILL BE REQUIRED TO HAVE A SWEEPER AVAILABLE FOR USE AT ALL TIMES. WHEN ACTIVE AIRFIELD PAVEMENTS ARE UTILIZED AS HAUL ROADS BY THE CONTRACTOR, MATERIAL TRACKED ON TO THE PAVEMENT SHALL BE CONTINUALLY REMOVED WITH SAID SWEEPER. THIS SWEEPING SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT
- 9. MATERIALS REMOVED FROM THE PROJECT WILL BE DISPOSED OF OFF AIRPORT PROPERTY, UNLESS NOTED
- 10. PAYMENT FOR TRAFFIC CONTROL INCLUDING, BUT NOT LIMITED TO BARRICADES, SIGNING, RUNWAY CLOSED MARKERS, AIR OPERATIONS AREA (A.O.A.) LATHE AND RIBBON, ETC. SHALL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. BARRICADES AT 10-FOOT CENTERS WITH ONE ORANGE FLAG (24" x 24") BETWEEN EACH SET OF BARRICADES SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. BARRICADES SHALL BE WEIGHTED TO PREVENT BILOWING OVER. BARRICADES SHALL HAVE A FLASHING RED LIGHT AND CONFORM TO IDOT STANDARD TOZOOT, TYPE II. BARRICADE INSTALLATION WILL BE REQUIRED PRIOR TO ACCESS TO THE A.O.A. BY CONTRACTOR'S WORKERS, EQUIPMENT OR MATERIAL SIGNS SHALL BE PLACED AT EACH TAXIMAY/RUNWAY CLOSURE LOCATION AND SHALL BE ATTACHED TO THE BARRICADES. EACH BARRICADE LOCATION SHALL CONSIDER OF THE PROPERTY OF THE PR CONSIST OF ONE "DO NOT ENTER" SIGN AND ONE "AIRCRAFT MOVEMENT AREA" SIGN. SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 11. THE CONTRACTOR SHALL CONTACT THE AIRPORT DIRECTOR AND RESIDENT ENGINEER FIVE (5) WORKING DAYS IN ADVANCE OF THE START OF CONSTRUCTION SO THAT THE APPROPRIATE NOTAMS MAY BE ISSUED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL CONSTRUCTION ACCESS GATES CLOSED DURING NON WORKING HOURS. THE CONTRACTOR SHALL PROVIDE A SIGN AT THE ACCESS GATE SAYING "AUTHORIZED PERSONNEL ONLY". THE CONTRACTOR SHALL CLOSE AND LOCK THE ACCESS GATE UPON LEAVING THE SITE. THROUGHOUT THE DURATION OF THE CONTRACT, ANY DAMAGES TO THE ACCESS ROAD, ACCESS GATE OR FENCING ADJACENT TO THE PROJECT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE RESIDENT ENGINEER. ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 13. THE CONTRACTOR WILL BE REQUIRED TO PUT AIRPORT FLAGS AND HAVE BEACON LIGHTS ON ALL EQUIPMENT AT ALL TIMES DURING CONSTRUCTION. SEE FLAG DETAIL ON THE SEQUENCE OF CONSTRUCTION DETAIL SHEET.
- IN THE CASE OF AN EMERGENCY, CONTRACTOR SHALL NOTIFY AIRPORT DIRECTOR AND THE RESIDENT
- 15. DURING ADVERSE WEATHER, THE CONTRACTOR SHALL MAKE PROVISIONS FOR ACCESS TO THE WORK AT NO ADDITIONAL COST TO THE CONTRACT. NO EXTENSION OF CONTRACT TIME WILL BE CONSIDERED FOR DELAYS DUE TO LACK OF ADEQUATE ACCESS TO THE WORK.
- 16. THE TALLEST PIECE OF CONSTRUCTION EQUIPMENT IS ANTICIPATED TO CRANE WHICH HAS A MAXIMUM HEIGHT OF 65 FEET TO ERECT THE GLIDESLOPE ANTENNA.
- 17. IF RUNWAY NUMERALS ARE PRESENT DURING CONSTRUCTION, CONTRACTOR SHALL PLACE CLOSED RUNWAY MARKER OVER NUMERALS AS DETAILED, OTHERWISE PLACE IN TURF OFF END OF RUNWAY AS DETAILED ON THE SEQUENCE OF CONSTRUCTION DETAILS SHEET.
- 18. AURORA MUNICIPAL AIRPORT WILL BE IN OPERATION DURING THE CONSTRUCTION OF THIS PROJECT. COORDINATION OF WORK WITH THE AIRPORT IS MANDATORY SO AS TO MINIMIZE IMPACTS ON AIRPORT OPERATIONS.
- 19. APPROXIMATE LOCATION OF HAUL ROUTES ON THE AIRPORT SITE ARE SHOWN ON THE GENERAL PROJECT LAYOUT AND THE SEQUENCE OF CONSTRUCTION PLAN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE OFF-SITE HAUL ROUTES (STATE HIGHWAYS, COUNTY ROADS OR CITY STREETS) WITH THE APROPRIATE OWNER WHO HAS JURISDICTION OVER THE AFFECTED ROUTE, ON-SITE ROADS USED AS HAUL APROPRIATE OWNER WHO HAS JURISDICTION OVER THE AFFECTED ROUTE. ON-SITE ROADS USED AS HAUL ROUTES SHALL BE MAINTAINED BY THE CONTRACTOR'S EXPENSE TO THEIR ORIGINAL CONDITION UPON COMPLETION OF BEING USED AS A HAUL ROUTE. THE BEFORE AND AFTER CONDITION OF ON-SITE HAUL ROUTES SHALL BE JOINTLY INSPECTED AND DETERMINED BY THE CONTRACTOR AND THE ENGINEER. FENCING, DRAINAGE, GRADING AND OTHER MISCELLANEOUS CONSTRUCTION REQUIRED TO CONSTRUCT TEMPORARY HAUL ROUTES OR ACCESS POINTS ON THE AIRPORT WILL BE THE CONTRACTOR'S TOTAL RESPONSIBILITY AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO THE WORK. ALL ON-SITE ACCESS ROADS TO AIRPORT FACILITIES SHALL REMAIN OPEN AND MAINTAINED AT ALL TIMES

- 20. MOBILIZATION/EQUIPMENT STORAGE AREA WILL BE MADE AVAILABLE FOR CONTRACTOR'S MOBILIZATION AND STORAGE AS SHOWN ON THE PLANS. THIS AREA SHALL BE RESTORED TO THE ORIGINAL CONDITION UPON COMPLETION OF THE PROJECT AT THE CONTRACTOR'S EXPENSE.
- 21. LOCATION OF KNOWN EXISTING AIRPORT UNDERGROUND CABLES ARE SHOWN ON THE PLANS AND MUST BE VERIFIED BY THE CONTRACTOR. REPAIR OF DAMAGED CABLE MUST BE STARTED IMMEDIATELY AND CONTINUED UNTIL COMPLETED. ALL SUCH REPAIRS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS, OR AS DIRECTED BY THE OWNER OF THE CABLE, AND SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS, OR AS DIRECTED BY THE OWNER OF THE CABLE, AND SHALL BE AT THE CONTRACTOR'S EXPENSE. IF FAA CABLES ARE DAMAGED, REPAIRS SHALL BE DONE FROM POINT TO POINT IN ACCORDANCE WITH FAA REQUIREMENTS AND IN THE PRESENCE OF A FAA REPRESENTATIVE. THE OWNER MAY ELECT TO HAVE THE REPAIR PERRIFORMED BY OTHERS IN WHICH CASE THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING THE INCURRED COSTS OF REPAIRS.
- 22. COORDINATION MEETINGS THE CONTRACTOR SHALL CONDUCT WEEKLY COORDINATION MEETINGS TO DISCUSS WORK AREAS AND SCHEDULING, ETC. WITH THE ENGINEER, AIRPORT OPERATIONS, FAA, AND OTHER APPROPRIATE OFFICIALS. MINUTES FROM THE WEEKLY MEETINGS SHALL BE PREPARED BY THE CONTRACTOR, FURNISHED TO ALL ATTENDEES PRIOR TO THE SUBSEQUENT MEETING, AND KEPT ON FILE AT THE FIELD OFFICE. THE COORDINATION MEETING COSTS SHALL BE CONSIDERED INCIDENTAL TO
- 23. THE CONTRACTOR SHALL PROVIDE THE PHONE NUMBERS OF THREE PERSONNEL, INCLUDING THE PROJECT SUPERINTENDENT, WHO MAY BE CONTACTED IN AN EMERGENCY, PERSONNEL SHALL BE ON CALL 24 HOURS PER DAY FOR MAINTAINING AIRPORT HAZARD LIGHTING AND BARRICADES.
- 24. DRAINAGE MODIFICATIONS SHALL BE SEQUENCED TO PROVIDE POSITIVE DRAINAGE AT ALL TIMES AT NO
- 25. VEHICLES AND EQUIPMENT SHALL NOT BE ALLOWED WITHIN 65' FROM ACTIVE TAXIWAYS AND 200' FROM ACTIVE RUNWAYS UNLESS OTHERWISE APPROVED BY THE AIRPORT DIRECTOR.
- 26. CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS/STOCKPILE IN SUCH A MANNER AS NOT TO VIOLATE FEDERAL AVIATION ADMINISTRATION PART 77 SURFACES OR RUNWAY AND TAXIWAY SAFETY AREAS.
- 27. ALL EXISTING TAXIMAY AND RUNWAY AIRFIELD LIGHTING CIRCUITS, FAA CABLES AND OTHER ELECTRICAL CABLES SHALL REMAIN IN SERVICE AT ALL TIMES. ALL EXISTING LIGHTING AND VAULT EQUIPMENT SHALL REMAIN IN SERVICE UNTIL PROPOSED IMPROVEMENTS ARE INSTALLED AND OPERATIONAL, UNLESS OTHERWISE APPROVED BY THE ENGINEER, ANY CABLES DAMAGED BY THE CONTRACTOR SHALL BE IMMEDIATELY REPAIRED AT HIS EXPENSE.
- 28. COORDINATION BY THE CONTRACTOR WITH THE EXISTING UTILITIES SHALL BE COMPLETED BEFORE CONSTRUCTION IS STARTED. CONTRACTOR IS REFERRED TO SECTION 50-17 OF THE SPECIAL PROVISIONS FOR SPECIFIC REQUIREMENTS. THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER OR THE DESIGN ENGINEER ASSUME ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS OR SUFFICIENCY OF THE INFORMATION. THERE IS NO QUARANTEE, EITHER EXPRESSED OR IMPLED THAT THE LOCATIONS, SIZE AND TYPE MATERIAL OF EXISTING UNDERGROUND UTILITIES AS INDICATED ARE REPRESENTATIVE OF THOSE TO THE MATERIAL OF EXISTING UNDERGROUND (TILLIES AS INDICATED ARE PRESENTATIVE OF HOUSE IC BE ENCOUNTERED DURING CONSTRUCTION. 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 COMPANY OF HIS OPERATIONAL PLANS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR DETAILED INFORMATION AND ASSISTANCE IN LOCATING UTILITIES. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY, THE RESIDENT ENGINEER AND THE AIRPORT DIRECTOR. ANY SUCH MAINS AND/OR SERVICES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED IMMEDIATELY AT HIS EXPENSE TO THE SATISFACTION OF THE RESIDENT ENGINEER AND AIRPORT DIRECTOR.
- 29. ALL ARFIELD LIGHTING AND LIGHTING GUIDANCE SYSTEMS (NAVAIDS) LOCATED WITHIN AND IMMEDIATELY ADJACENT TO THE CONTRACTORS WORK ZONE SHALL BE CHECKED FOR OPERATIONAL CONDITION PRIOR TO THE DEPARTURE FROM THE AIRPORT WITH THE AIRPORT MAINTENANCE DIRECTOR. ANY DEFECIENCIES IN THESE SYSTEMS DUE TO THE ACTS OF CONTRACTOR OR HIS SUBCONTRACTORS, SUPPLIERS OR CONSULTANTS SHALL BE REPAIRED IMMEDIATELY.
- 30. CONTRACTOR SHALL BE LICENSED WITH THE VILLAGE OF SUGAR GROVE.
- 31. SY 12 P.M. EVERY FRIDAY THROUGHOUT THE PROJECT, THE CONTRACTOR SHALL PROVIDE THE RESIDENT ENGINEER WITH A LIST OF SCHEDULED WORK FOR THE FOLLOWING WEEK.

CONTRACTOR CROSSING RUNWAY AND TAXIWAY AIR OPERATIONS AREA (A.O.A.)

- 32 ANYTIME THE CONTRACTOR IS REQUIRED TO UTILIZE OR CROSS ACTIVE AIRFIELD PAVEMENTS FOR ACCESS TO ANYTIME THE CONTRACTOR IS REQUIRED TO UTILIZE OR CROSS ACTIVE AIRFIELD PAVEMENTS FOR ACCESS TO AND FROM THE WORK ZONE, A FULL TIME CROSSING GUARD IN RADIO CONTACT WITH THE CONTROL TOWER SHALL BE FURNISHED BY THE CONTRACTOR FOR MOVEMENTS OF VEHICLES OR EQUIPMENT TO AND FROM THE WORK ZONE. THE RADIO OPERATOR SHALL BE FAMILIAR WITH AIRPORT GROUND CONTROL PROCEDURES AND DEMONSTRATE KNOWLEDGE OF SAME TO THE AIRPORT. THE AIRPORT RESERVES THE RIGHT TO APPROVE THE CROSSING GUARDS. THE CONTRACTOR SHALL PROVIDE THEIR OWN RADIOS. THIS COST SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF MUNICIPAL FINES (\$500 PER OCCURENCE) DUE TO AIRFIELD INCURSIONS BY HIS EMPLOYEES, SUBCONTRACTORS, SUPPLIERS, CONSULTANTS, AND OR AGENTS. CONSULTANTS AND/OR AGENTS. .
- 33. ANY PAVEMENT DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY BY HIM TO THE SATISFACTION OF THE RESIDENT ENGINEER AND AIRPORT DIRECTOR AT NO ADDITIONAL COST TO THE OWNER. PAVEMENT SHALL BE CONTINUALLY SWEPT TO PROVIDE DEBRIS FREE SURFACE DURING ALL HAUL ROAD OPERATIONS. THIS COST SHALL NOT BE PAID SEPERATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE
- 34. WORK WITHIN THE A.O.A. SHALL BE EXPEDITED. ANY DROP OFF SHALL BE ADEQUATELY LIGHTED, SIGNED AND BARRICADED. NO MATERIAL SHALL BE STOCKPILED WITHIN THE A.O.A. SHOULD IT BE NECESSARY FOR THE CONTRACTOR TO TEMPORARILY RELOCATE EQUIPMENT TO ALLOW AIRCRAFT TO PASS, THEY SHALL DO SO AT NO EXTRA COST TO THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AND AIRPORT DIRECTOR TWO (2) WORKING DAYS IN ADVANCE OF ANY PLANNED CONSTRUCTION WITHIN THESE LIMITS.

LIMITATIONS ON CONSTRUCTION WITHIN AIRPORT OPERATIONS AREA (A.O.A.)

ANY WORK WITHIN 200' OF THE CENTERLINE OF AN ACTIVE RUNWAY SHALL BE DONE AS SHOWN ON THE SEQUENCE OF CONSTRUCTION PLAN SHEETS. ON ANY DAY WHEN CONSTRUCTION IS WITHIN 200' OF THE CENTERLINE OF THE RUNWAY, THE RUNWAY SHALL BE CLOSED. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AND AIRPORT DIRECTOR TWO (2) WORKING DAYS IN ADVANCE OF ANY PLANNED CONSTRUCTION WITHIN THESE LIMITS, WORK SHALL BE EXPEDITED IN THESE AREAS AND AT THE COMPLETION OF THE PHASE THE AREAS SHALL BE SMOOTHLY GRADED TO ALLOW THE RUNWAY TO BE REOPENED. AT LEAST ONE OF THE RUNWAYS SHALL REMAIN IN OPERATION AT ALL TIMES. IF NECCESSARY STEEL PLATES SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR TO COVER ANY OPEN TRENCHES OR EXCAVATION WITHIN THE A.O.A. IF DURING RUNWAY CLOSURE AN EMERGENCY IS DECLARED, THE CONTRACTOR SHALL IMMEDIATELY CLEAR THE RUNWAY OF ALL

TAXIWAYS:

CONSTRUCTION WILL BE ALLOWED UP TO THE EDGE OF THE TAXIMAY PAVEMENTS WITHOUT CLOSURE ON A LIMITED BASIS. WORK WITHIN THE A.O.A. SHALL BE EXPEDITED. ANY DROP OFF SHALL BE ADEQUATELY LIGHTED, SIGNED AND BARRICADED. NO MATERIAL SHALL BE STOCKPILED WITHIN THE A.O.A. SHOULD IT BE NECESSARY FOR THE CONTRACTOR TO TEMPORARILY RELOCATE EQUIPMENT TO ALLOW AIRCRAFT TO PASS, THEY SHALL DO SO AT NO EXTRA COST TO THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AND AIRPORT DIRECTOR TWO (2) WORKING DAYS IN ADVANCE OF ANY PLANNED CONSTRUCTION WITHIN THESE LIMITS.

NOTE -- ALL PHASES ALL EXISTING TAXIWAY AND RUNWAY AIRFIELD LIGHTING CIRCUITS, FAA CABLES AND OTHER AIRPORT ELECTRICAL CABLES SHALL REMAIN IN SERVICE UNTIL REPLACED AS ACCEPTABLE TO THE RESIDENT ENGINEER. ALL TEMPORARY CABLING AND SPLICING NECESSARY TO KEEP THE CIRCUITS IN OPERATION SHALL BE CONSIDERED INCIDENTAL TO CONTRACT.

AU062 PATH: K:\042850400\DRAW\SHEETS FILE: segnotes.dwg UPDATE BY: SURVEY BOOK # XREF DWG: XREE DWG: DATE: .

	REVISIONS					
NUMBER	BY	DATE				
Λ	1	2				

THIS BAR IS EQUAL TO 2' AT FULL SCALE (34X22).

AIRPORT 101S 17 33 ILS; 1 LOCALIZER Ĕ RUS μW LSNO ₹ 00 MUNICIPAL JRORA, ILLIN IUCT RUNW! OF ERA CONSTRU шZ QUE int S DESIGN BY CAL. DRAWN BY JRO

CHECKED BY:

APPROVED BY: DATE

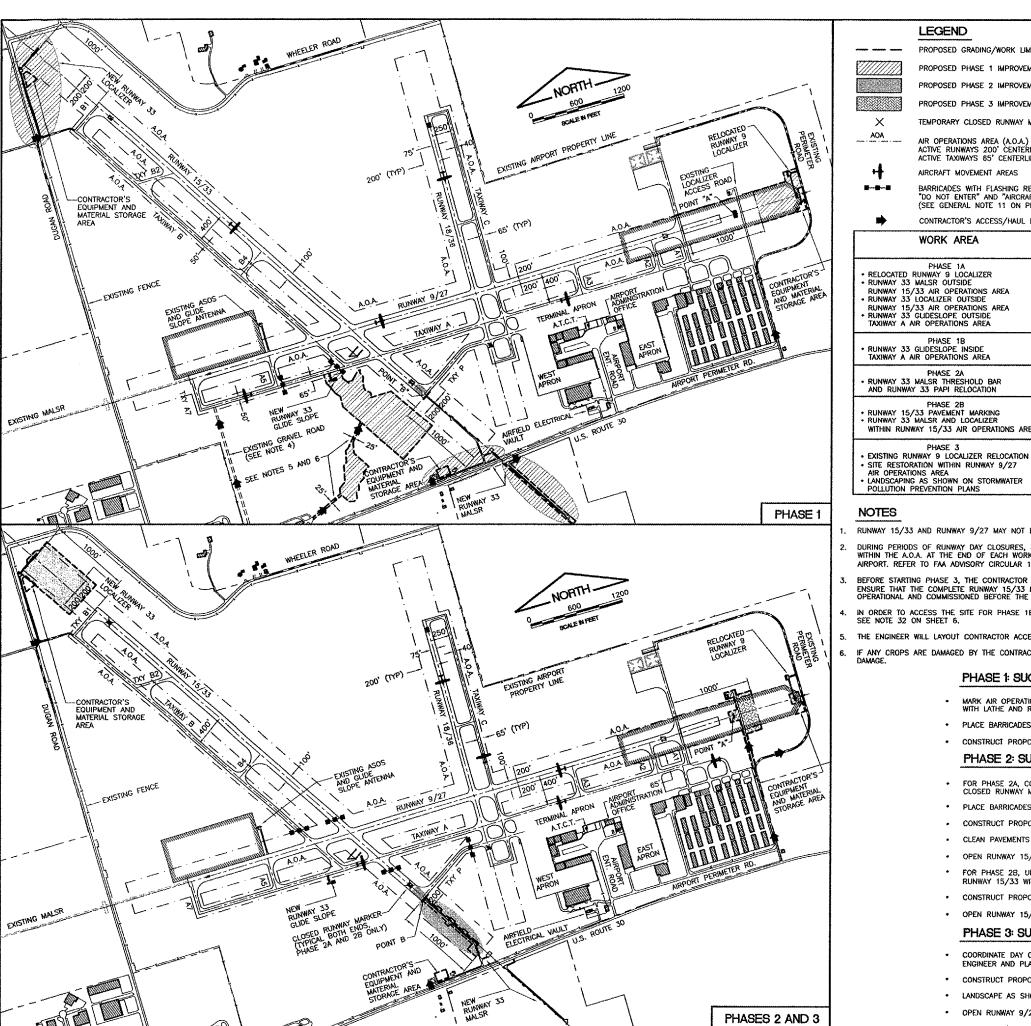
JOB No.

CAL

05/12/06

04285-04

ILLINOIS PROJECT: ARR-3468 A.I.P. PROJECT: 3-17-0003-B3 FINAL SUBMITTAL SHEET 6 OF 67 SHEETS



LEGEND

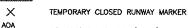
PROPOSED GRADING/WORK LIMITS



PROPOSED PHASE 1 IMPROVEMENTS

PROPOSED PHASE 2 IMPROVEMENTS

PROPOSED PHASE 3 IMPROVEMENTS



AIR OPERATIONS AREA (A.O.A.)
ACTIVE RUNWAYS 200' CENTERLINE TO A.O.A.
ACTIVE TAXIWAYS 65' CENTERLINE TO A.O.A.

AIRCRAFT MOVEMENT AREAS BARRICADES WITH FLASHING RED LIGHTS AND SIGNS "DO NOT ENTER" AND "AIRCRAFT MOVEMENT AREA" (SEE GENERAL NOTE 11 ON PREVIOUS SHEET)

CONTRACTOR'S ACCESS/HAUL ROAD

WORK AREA

RELOCATED RUNWAY 9 LOCALIZER

TAXIWAY A AIR OPERATIONS AREA

RUNWAY 33 GLIDESLOPE INSIDE TAXIWAY A AIR OPERATIONS AREA

PHASE 2A RUNWAY 33 MALSR THRESHOLD BAR AND RUNWAY 33 PAPI RELOCATION

RUNWAY 15/33 PAVEMENT MARKING RUNWAY 33 MALSR AND LOCALIZER

POLLUTION PREVENTION PLANS

WITHIN RUNWAY 15/33 AIR OPERATIONS AREA

PHASE 3

RUNWAY 33 MALSR OUTSIDE
RUNWAY 15/33 AIR OPERATIONS AREA
RUNWAY 33 LOCALIZER OUTSIDE

AU062 PATH: K:\auroraap\0428504\draw

DESIGN AIRCRAFT APPROACH CATEGORY: D

DESIGN AIRPORT GROUP: III

GROUND CONTROL FREQUENCY: 121.70 AIR CONTROL FREQUENCY: 120.60

MAXIMUM ANTICIPATED HEIGHT OF CONSTRUCTION EQUIPMENT: 65' (CRANE FOR GLIDESLOPE INSTALLATION)

CLOSEST CONSTRUCTION POINT TO

RUNWAY 9/27 (POINT A) ELEV. = 702.30 LATITUDE: 41'46'13.61" LONGITUDE: 88'27'32.40"

RUNWAY 15/33 (POINT B)

ELEV. = 698.60 LATITUDE: 41'46'02.68"

LONGITUDE: 88"28"30.32"

OPERATIONAL STATUS/

RESTRICTIONS

ALL AIRFIELD PAVEMENTS OPEN

TAXIWAY A CLOSED

BETWEEN TAXIWAYS B AND AS 7-DAY MAXIMUM CLOSURE (SEE NOTE 4)

RUNWAY 15/33 CLOSED 14-DAY MAXIMUM CLOSURE

RUNWAY 15/33 CLOSED DAILY BETWEEN 7:00 A.M. AND 5:00 P.M.

(SEE NOTE 2)

RUNWAY 9/27 OR RUNWAY 15/33 CLOSED DAILY

BETWEEN 7:00 A.M. AND 5:00 P.M.

(SEE NOTES 1 AND 2)

FILE: sequence.dwg UPDATE BY: SURVEY BOOK #

XREF DWG: XREF DWG: DATE:

	REVISIONS				
NUMBER	BY	DATE			

THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

Y 33 ILS, LOCALIZER ONSTRUCT 7/5370-2E EDITION) CONSTRUCT RI

DENCI PER (LA

Q

S

NOTES

- RUNWAY 15/33 AND RUNWAY 9/27 MAY NOT BE CLOSED AT THE SAME TIME.
- DURING PERIODS OF RUNWAY DAY CLOSURES, NO OPEN EXCAVATIONS, CONSTRUCTION EQUIPMENT OR STOCKPILED MATERIAL MAY BE LEFT WITHIN THE A.O.A. AT THE END OF EACH WORKING DAY. THE A.O.A. MUST ALSO BE GRADED SMOOTHLY TO THE SATISFACTION OF THE AIRPORT. REFER TO FAA ADVISORY CIRCULAR 150/5370-2E FOR MORE INFORMATION.

ALLOWABLE WORK

PERIODS

NO RESTRICTIONS

AFTER PHASE 1A RUNWAY 33

GLIDESLOPE CRUSHED AGGREGATE BASE OUTSIDE A.O.A. IS COMPLETE

AFTER PHASE 1 IS COMPLETE

AFTER PHASE 1 IS COMPLETE. WORK SHALL BE CONCURRENT WITH PHASE 2A

AFTER PHASE 2 IS COMPLETE AND RUNWAY 33 ILS IS OPERATIONAL

AND COMMISSIONED (SEE NOTE 3)

- BEFORE STARTING PHASE 3. THE CONTRACTOR IS REQUIRED TO COORDINATE WITH FAA PERSONNEL. THE AIRPORT AND ENGINEER TO ENSURE THAT THE COMPLETE RUNWAY 15/33 ILS IS OPERATIONAL AND COMMISSIONED. THE COMPLETE RUNWAY 15/33 ILS MUST BE OPERATIONAL AND COMMISSIONED BEFORE THE EXISTING RUNWAY 9 LOCALIZER IS TAKEN OUT OF SERVICE AND RELOCATED.
- IN ORDER TO ACCESS THE SITE FOR PHASE 1B, THE CONTRACTOR SHALL BE IN RADIO CONTACT WITH THE AIR TRAFFIC CONTROL TOWER, SEE NOTE 32 ON SHEET 6.
- THE ENGINEER WILL LAYOUT CONTRACTOR ACCESS ROUTE TO WORK AREAS BEFORE CONSTRUCTION BEGINS.
- IF ANY CROPS ARE DAMAGED BY THE CONTRACTOR, HE SHALL BE RESPONSIBLE FOR COMPENSATING THE AIRPORT FOR THE CROP

PHASE 1: SUGGESTED SEQUENCE OF CONSTRUCTION

- MARK AIR OPERATIONS AREA (A.O.A.) AND ADJACENT AIRPORT PROPERTY LINE WITH LATHE AND RIBBON.
- PLACE BARRICADES AS SHOWN OR AS DIRECTED BY THE ENGINEER.
- CONSTRUCT PROPOSED IMPROVEMENTS.

PHASE 2: SUGGESTED SEQUENCE OF CONSTRUCTION

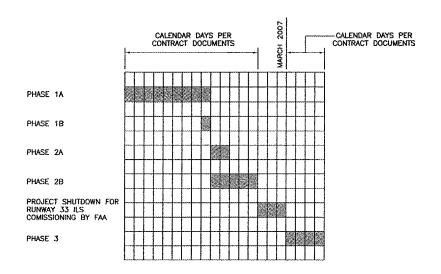
- FOR PHASE 2A, COORDINATE CLOSURE OF RUNWAY 15/33 WITH THE ENGINEER. PLACE CLOSED RUNWAY MARKERS.
- PLACE BARRICADES AS SHOWN OR AS DIRECTED BY THE ENGINEER.
- CONSTRUCT PROPOSED IMPROVEMENTS.
- CLEAN PAVEMENTS AND REMOVE BARRICADES.
- FOR PHASE 2B, UPON COMPLETION OF PHASE 2A, COORDINATE DAY CLOSURES OF RUNWAY 15/33 WITH THE ENGINEER AND PLACE CLOSED RUNWAY MARKERS (SEE NOTE 2).
- CONSTRUCT PROPOSED IMPROVEMENTS AND SMOOTHLY GRADE WORK AREA.
- OPEN RUNWAY 15/33 AT THE END OF EACH DAY.

PHASE 3: SUGGESTED SEQUENCE OF CONSTRUCTION

- COORDINATE DAY CLOSURES OF RUNWAY 9/27 OR RUNWAY 15/33 WITH THE ENGINEER AND PLACE CLOSED RUNWAY MARKERS (SEE NOTES 1 AND 2).
- CONSTRUCT PROPOSED IMPROVEMENTS AND SMOOTHLY GRADE WORK AREA.
- LANDSCAPE AS SHOWN ON STORMWATER POLLUTION PREVENTION PLANS. OPEN RUNWAY 9/27 OR RUNWAY 15/33 AT THE END OF EACH DAY.

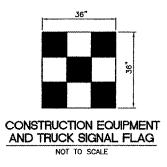
CANTER ENGALIZACIONES NO. 184-00		
DESIGN BY:	CA	L.
DRAWN BY:	JR	0
CHECKED BY:	CA	L
APPROVED BY:		
ĐATE:	05/12	2/06
JOB No:	04285	i~04
ILLINOIS PROJ A.I.P. PROJECT: FINAL SU	3-17-00	103-B31
SHEET 7 0	F 67	SHEETS

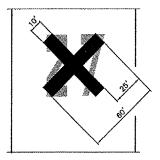
HY & EERS 0613



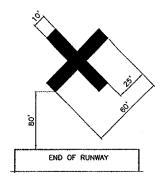
NOTES

- 1. THE GENERAL PHASE DURATIONS SHOWN ARE ESTIMATED AND ARE FOR REFERENCE ONLY.
- NO CALENDAR DAYS WILL BE CHARGED DURING PROJECT SHUTDOWN FOR RUNWAY 33 ILS COMISSIONING BY FAA.
- 3. COMISSIONING OF THE RUNWAY 33 ILS IS ANTICIPATED IN MARCH 2007.
- 4. THE TOTAL NUMBER OF CALENDAR DAYS SHOWN IN THE CONTRACT DOCUMENTS ARE TO BE DIVIDED AMONGST ALL PHASES AT THE CONTRACTOR'S DISCRETION.





ON PAVEMENT
CLOSED RUNWAY MARKER DETAIL
NOT TO SCALE



OFF PAVEMENT CLOSED RUNWAY MARKER DETAIL

NOT TO SCALE

CLOSED RUNWAY MARKER DETAIL NOTES

- 1. CLOSED RUNWAY MARKERS SHALL BE YELLOW.
- MARKERS SHALL BE MATERIAL APPROVED BY THE ENGINEER, YELLOW SNOW FENCE WILL NOT BE ALLOWED.
- 3. CONTRACTOR SHALL MAINTAIN AND RELOCATE MARKERS AS SHOWN ON THE PLANS OR AS NEEDED TO FACILITATE CONSTRUCTION
- 4. MARKERS ON PAVEMENT SHALL BE PLACED OVER EXISTING RUNWAY NUMERALS AS SHOWN,
- 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 AND TOWER PERSONNEL. 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.

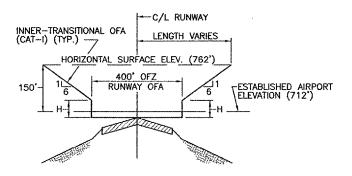
TRANSITIONAL SURFACE HORIZONTAL SURFACE ELEV. (762') ESTABLISHED AIRPORT FLEV. (712') (SEE NOTE) 500' OR 1000'

TYPICAL SECTION F.A.R. PART 77 IMAGINARY SURFACES

NO SCALE

NOTE:

IMAGINARY SURFACE REQUIREMENTS FOR EXISTING ACTIVE RUNWAYS (R/W) ARE SIMILAR EXCEPT PRIMARY SURFACE (PS) DIMENSIONS VARY R/W 18-36 500' PS (250' LT & RT OF @) R/W 9-27,15/33 1000' PS (500' LT & RT OF @)



TYPICAL SECTION OBSTACLE FREE ZONE (OFZ)

NO SCALE

RUNWAY	TYPE OF RUNWAY	H (FEET)
9-27	PRECISION (CAT I)	43
15-33 18-36	VISUAL	150



TYPICAL PROFILE F.A.R. PART 77 IMAGINARY SURFACES

NO SCALE

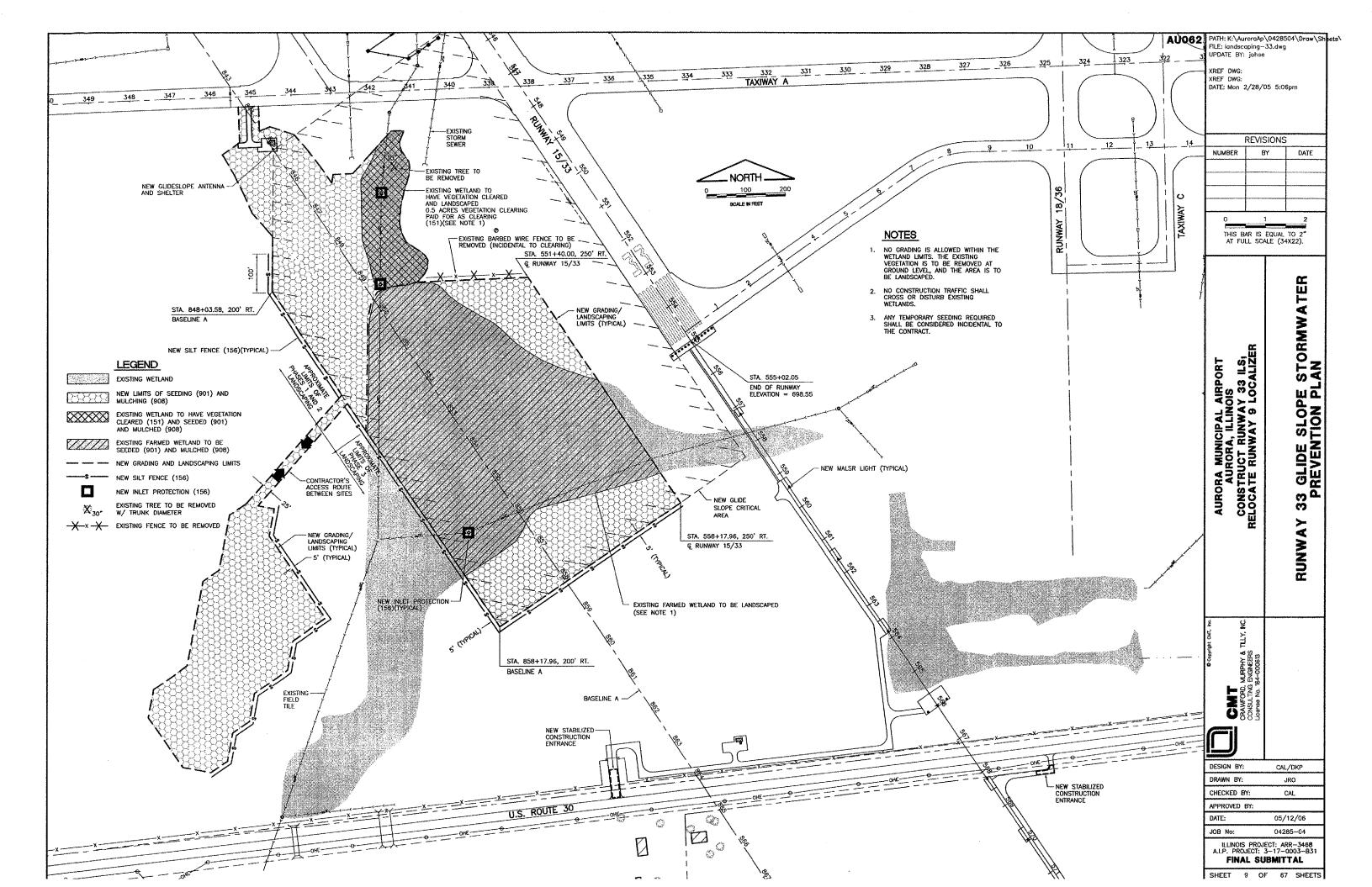
RUNWAY END	ELEVATION	APPROACH SLOPE
9	707	50:1
27	706	34:1
18	700	20:1
36	700	20:1
15	712	20:1
33	699	20:1

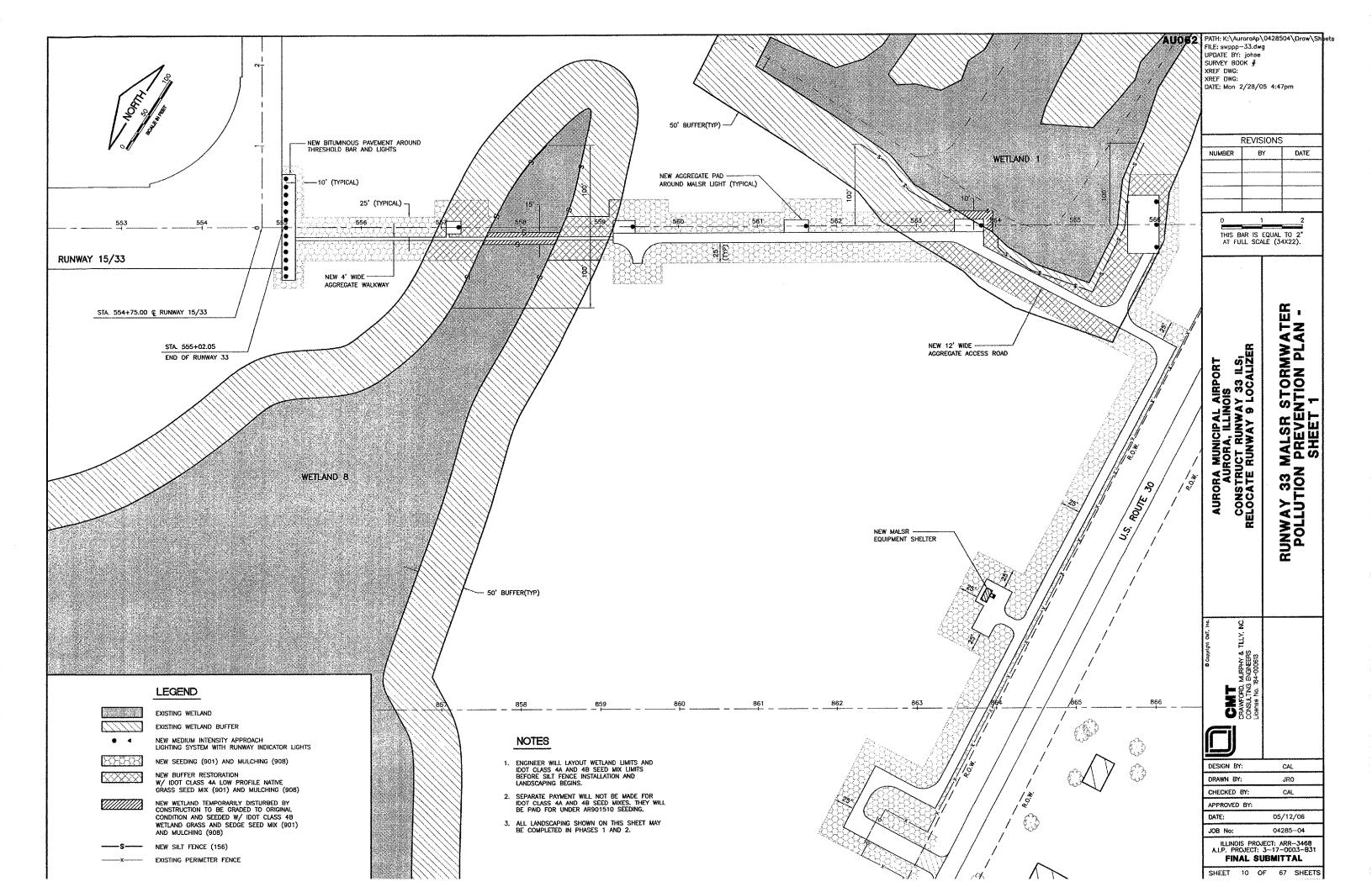
AU062	PATH: K:\D42850400\DRAW\SHEETS FILE: seqdetails.dwg UPDATE BY: . SURVEY BOOK # XREF DWG: XREF DWG: DATE: .							
	RE NUMBER	EVISIONS BY DATE						
	NOWDER	oi bac						
	O THIS BAR AT FULL	1 2 IS EQUAL TO 2" SCALE (34X22).						
	AURORA MUNICIPAL AIRPORT AURORA, ILLINOIS CONSTRUCT RUNWAY 33 ILS,	SEQUENCE OF CONST						
	COSTINGIA CHA, Inc. CRAWFORD, MARPHY & TILY, NC. CONSULTING BIGMERS	License No. 184-000613						
	DESIGN BY:	CAL						
	DRAWN BY: CHECKED BY:	JRO CAL						
	APPROVED BY:							
	DATE:	05/12/06						

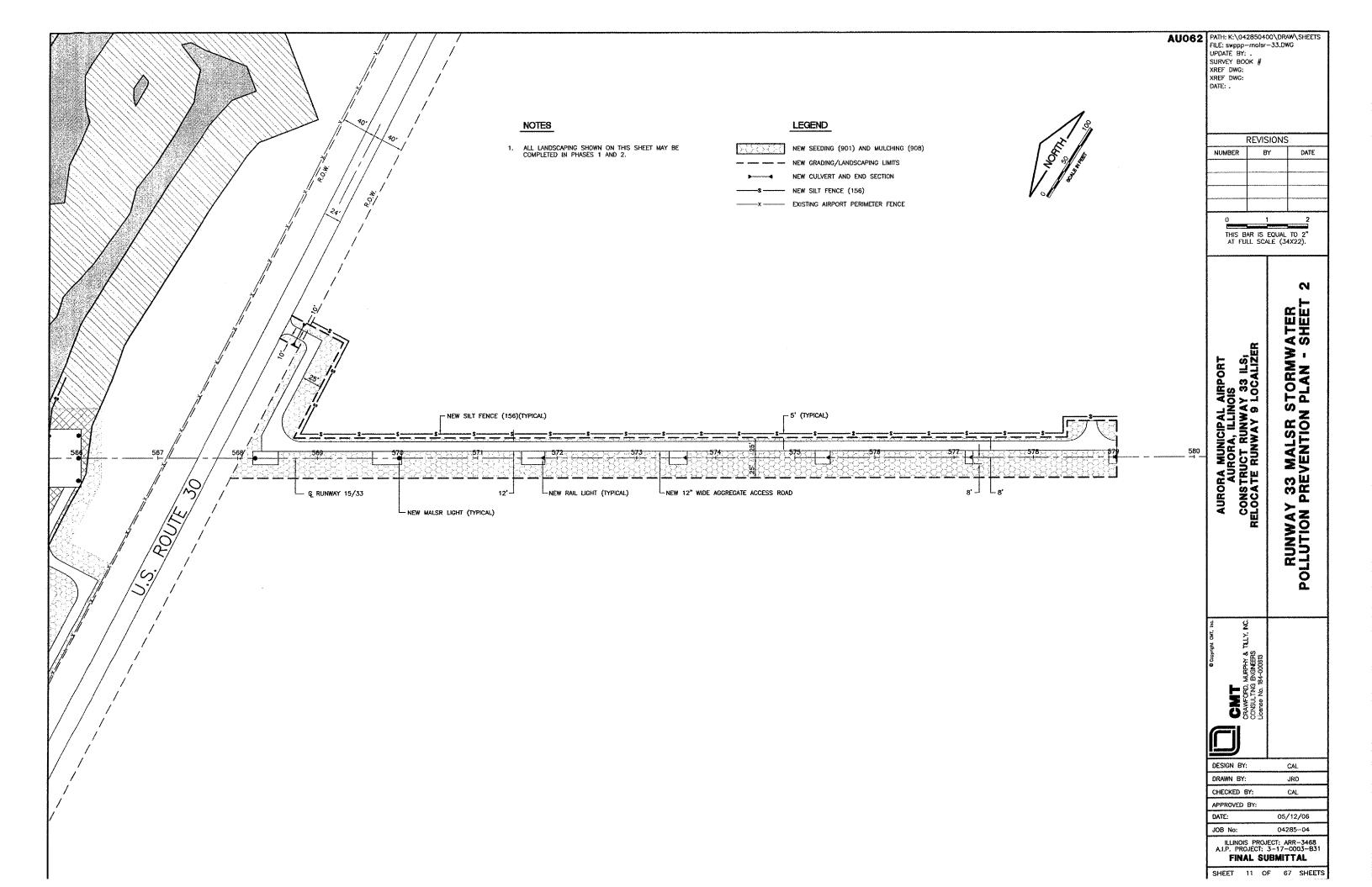
04285-04

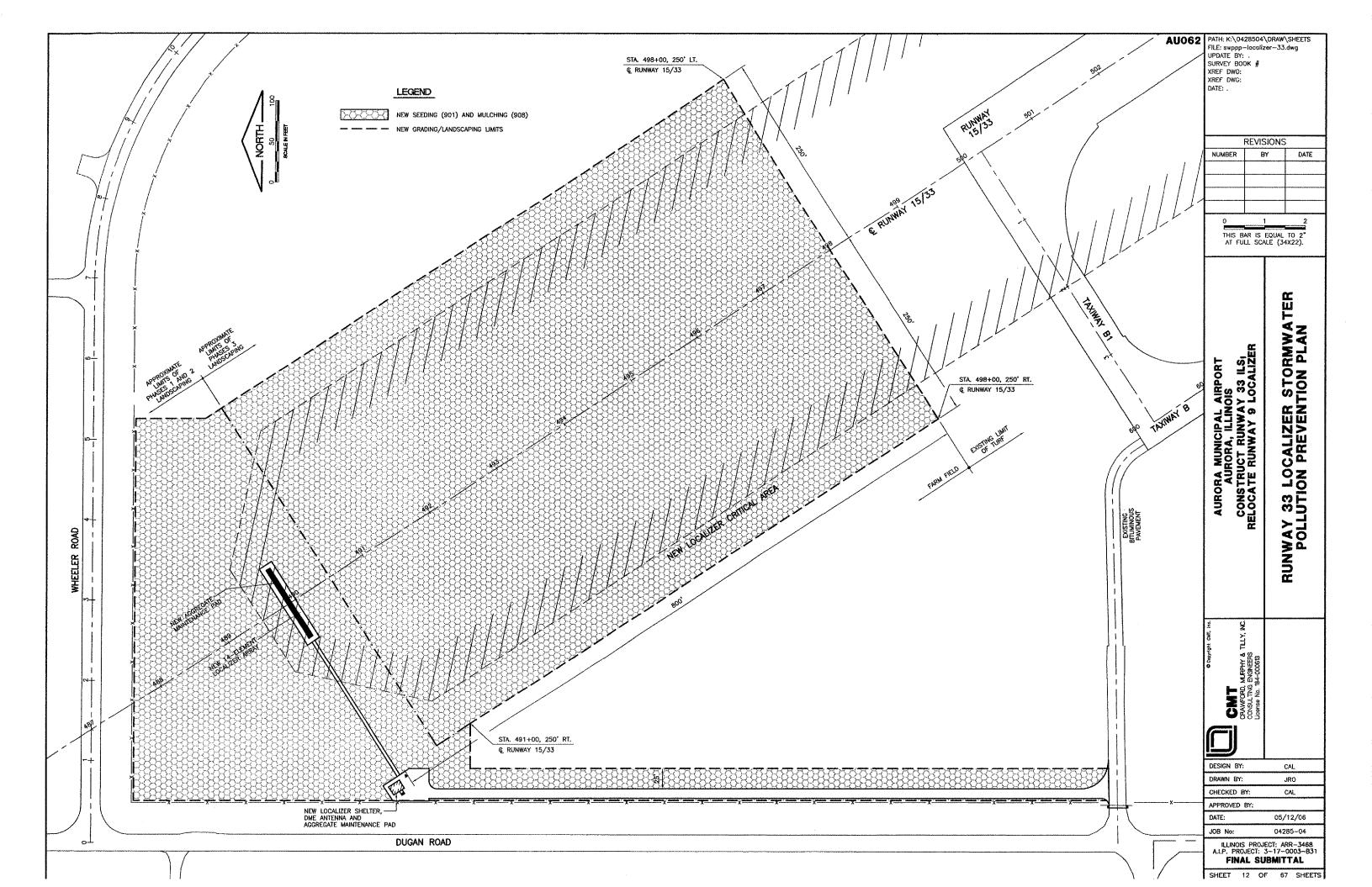
ILLINOIS PROJECT: ARR-3468
ALP. PROJECT: 3-17-0003-B31
FINAL SUBMITTAL

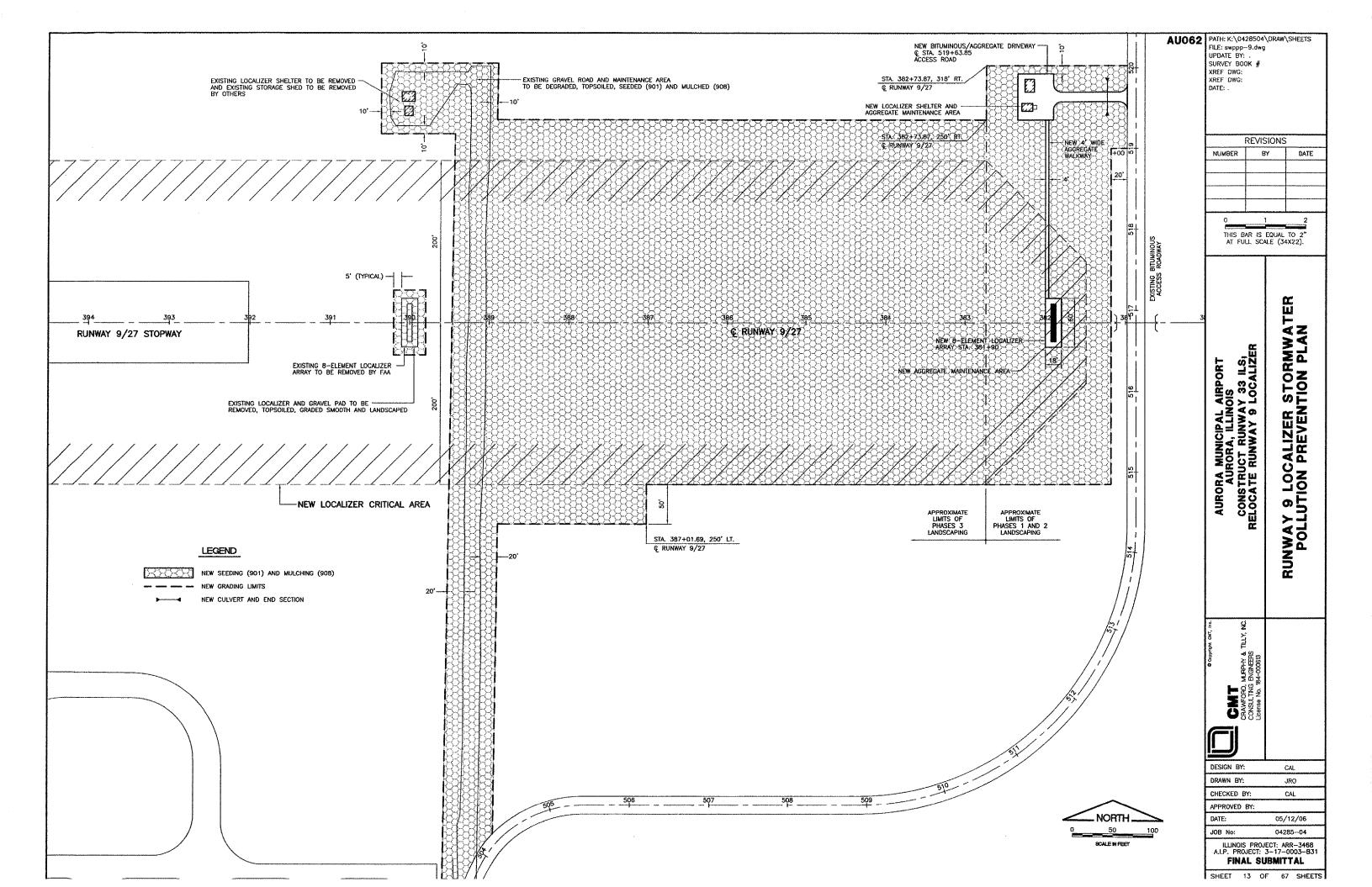
SHEFT 8 OF 67 SHEFTS











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.

THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

THIS PROJECT CONSISTS OF CONSTRUCTING A NEW NAVAID AT THE AURORA AIRPORT. THE PROJECT INCLUDES EXCAVATION, EMBANKMENT, DRAINAGE, VARIOUS PAVEMENT ITEMS, FENCING, ELECTRICAL IMPROVEMENTS 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. EXCAVATION AND EMBANKMENT WILL BE COMPLETED WITHIN THE PROJECT LIMITS TO GRADE OUT FOR THE PROPOSED ELECTRICAL AND PAVEMENT IMPROVEMENTS.
- PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS PERIMETER SILT FENCE AND INLET PROTECTION.
- 3. PAVEMENT CONSTRUCTION.
- 4. ELECTRICAL IMPROVEMENTS AND SHELTER ERECTION.
- 5. FINAL GRADING AND OTHER MISCELLANEOUS ITEMS.
- 6. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS SEEDING AND MULCHING.

AREA OF CONSTRUCTION SITE

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 45 ACRES OF WHICH 9 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:

- INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS FROM PREVIOUS PROJECTS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EXPOSION 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 WELCH CREEK THROUGH A STORM SEWER SYSTEM.

CONTROLS-EROSION CONTROLS 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 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. WHERE WORK IS COMPLETE, PERMANENT STABILIZATION, SHALL OCCUR WITHIN 14 DAYS OF COMPLETION, AND IN AREAS WHERE WORK HAS TEMPORARILY CEASED FOR 21 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 14TH DAY AFTER WORK HAS CEASED.

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.

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

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 ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT
- 2. EARTH STOCKPILES AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN (3) DAYS SHAFTURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES AND SHALL BE INCIDENTAL TO THE CONTROL MESSAGE SHALL BE TEMPORARILY SEEDED AND MULCHED, WHICH WILL BE INCIDENTAL TO THE CONTROL ARE TO REMAIN UNUSED FOR MORE THAN 30 DAYS. STOCKPILES SHALL NOT BE LOCATED IN SECOND TO THE CONTROL OF THAN 30 DAYS.
- 3. AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY A. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
- B. CONSTRUCT DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
- C. BUILD NECESSARY EMBANKMENT AT CULVERT/STORM SEWER LOCATIONS AND THEN EXCAVATE AND
- D. EXCAVATED AREAS AND EMBANKMENT AREAS SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER 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.
- E. ANY WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION SHALL
- 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 WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OF 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 EQUIVA SNOWFALL AND DURING WINTER SHUTDOWN PERIOD.
- 6. SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTE SHALL BE DISPOSED OF ON SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST 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.

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

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 ILLINOIS DIVISION OF AERONAUTICS. MAINTENANCE UP TO THIS DATE WILL BE REQUIRED BY THE CONTRACTOR.

CONTRACTORS

- 1. THE STORM WATER POLLUTION PREVENTION PLAN MUST CLEARLY IDENTIFY FOR EACH MEASURE IDENTIFIED IN THE PLAN, THE CONTRACTOR(S) OR SUBCONTRACTOR(S) THAT WILL IMPLEMENT THE MEASURE. ALL CONTRACTORS AND SUBCONTRACTORS IDENTIFIED IN THE PLAN MUST SIGN A COPY OF THE CERTIFICATION STATEMENT IN PARAGRAPH 2 BELOW IN ACCORDANCE WITH PART V.G (SIGNATORY REQUIREMENTS) OF THIS PERMIT. ALL CERTIFICATIONS MUST BE INCLUDED IN THE STORM WATER POLLUTION PREVENTION PLAN EXCEPT FOR OWNERS THAT ARE ACTING AS CONTRACTOR.
- 2. CERTIFICATION STATEMENT. ALL CONTRACTORS AND SUBCONTRACTORS IDENTIFIED IN A STORM WATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH PARAGRAPH 1 ABOVE SHALL SIGN A COPY OF THE FOLLOWING CERTIFICATION STATEMENT BEFORE CONDUCTING ANY PROFESSIONAL SERVICE AT THE SITE IDENTIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN:

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (1LR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

THE CERTIFICATION MUST INCLUDE THE NAME AND TITLE OF THE PERSON PROVIDING THE SIGNATURE IN ACCORDANCE WITH PART VI.G OF THIS PERMIT: THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE CONTRACTING FIRM; THE ADDRESS (OR OTHER IDENTIFYING DESCRIPTION) OF THE SITE: AND THE DATE THE CERTIFICATION IS MADE.

ACTIVITY FROM THE CONSTR	THE STORM WATER DISCHARGES A SUCTION SITE IDENTIFIED AS PART	
GENERAL CONTRACTOR		

AU062 K:\AutroraAp\0428504\Draw\Sheets\ FILE: stormnotes.dwg LAYOUT: Layout1 UPDATE BY: lohse SURVEY BOOK # DATE: Thu 3/16/06 6:02pm XREF DWG: tbcInt,dwg tb.dwg

	REVISIONS	3
NUMBER	BY	DATE
0	1	2

THIS BAR IS FOUAL TO 2' AT FULL SCALE (34X22).

> ō OLLUT

A MUNICIPAL AIRPORT URORA, ILLINOIS RUCT RUNWAY 33 ILS; E RUNWAY 9 LOCALIZER OZO ATER ENTION AURORA AUR CONSTRU ORMW/ PREVI

(C)

CRAWFO

ركا	
DESIGN BY:	CAL.
DRAWN BY:	JRO
CHECKED BY:	CAL
APPROVED BY:	

05/12/06

04285-04

ILLINOIS PROJECT: ARR-3468 A.I.P. PROJECT: 3-17-0003-B31

DATE:

JOB No

FINAL SUBMITTAL SHEET 14 OF 67 SHEETS

	- L															!
	CONTACT		ROBER	οτ A	pir	CED			TELEPHONE	AR	EA CO	Œ		NUM		
BY THE	PERSON:		NUDER	· · · A	. KIE	UEST			NUMBERS:		630		46	56~	7000)
Γ																
			NEORMATIC						,	77.76				******		
	NAME:	AST		IRST		MI.	SEE II	NSTRUCTIONS)	TELEPHONE	1 AH	EA COL	* T		NUM	IEK.	
ALL BE	MAILING			******				гг	NUMBERS:	1		ᆛ		-		
ONTRACT.	ADDRESS	į						ατγ				ST.		ZIP:	1	
NTRACT, IF	1		***************************************										L	·*···	L	
SPECIAL	CONSTR	NUCTION	SITE INFO	FMAT	TION											
	SELECT	ONER	X EXISTING		NEW			CHANGE OF	GENERAL				TT	T	П	77
	AND T	ME X	I STE		SIE		<u> </u>	#FORMATION	NPOES PER		10.	$\sqcup \bot$	Ш			\perp
THE ENGINEER:	FACILITY NAME	/	AURORA M	IUNIC	CIPAL	AIF	POF	रा	Permit Num (if Applical	bere bie)			N/A			
	MAILING		43 W I	636	ROU	TE :	30		TELEPHONE	AR	EA COL	×.		NUM		
	ADDRESS:						,,	**********	NUMBERS:		630				7000	
	ar e	SUG	AR GROVE	Ξ	ST.	IL.	71P:	60554	LATITUDE: D OBAREST 16 SECONDED	EG.	MIN. S		ATTUDE DEAGEST S SECONDS)	DEG.	LIIN.	SEC.
) PLACE	COUNTY:		KANE	1	ECTION:		1	17	i		NOR	ТН	RANGE	7	EAS	T
R FINAL	START CONSTRUCT DATE:	non-	MM/DO/YY	- EN	NSTRUC	TION		MH/DO/YY	TOTAL SIZE CONSTRUCTO SITE IN ACR	828		4	5 AC	RES		
1 I HYCL	***************************************		************				******									
	TYPE OF	E CONS	TRUCTION													
	[]RESI	ENTIAL	COMMERC	JAL.	Π,	NOUST	RIAI	Perco	NSTRUCTION	Г	X R	WSPO	RTATION	Г	700	ER.
BE					<u>,</u>											
~~	HISTORIC	C PRES	ERVATION A	ND I	ENDA	NGE	RED	SPECIES	COMPLIA	NCE	5 (OP	TION	WL)			
			ATISFIED APPLIC													
								ron .								1
1 EPA	1			HISTOR	tic PRES	ZRVA1	TON	X AEZ	NO.	, A	ND.					j
R	-			ENDAN	GERED S	SPECIF	z	X YES	∏ NO.							1
	ı							ron	LL "0.							- 1
) onlify	under panelt	y of loss that this	documen	nt and sit	l atteat	etripiete	was bushaved n	nder my directio	n end	supervisi	ion in a	convionos	,		
	of the pe	nean or pene	id to aspure that a one who manage t	he mete	m, or the	-	one de	rectly responsible	for anthering 1	he life	emotion.	. the b	nformation	í		
LENT	eubmittled eubmittleg Induding	ie, to the t dee information	eet of my knowled notion, including the ent and implement	ige and : e possib	belief, tru dity of fi	ne, social ne and	rets, e Impriso	nd complets. 1 in odd?	em owere that tion, I certify ti	there a set the	provision	Roomtp naoft	enoties fo be permit			
	compled ·	with.														
MS																
QF	OWNER SIGN	ATURE:	····							DAT	E			_		
												FC	OR OFFICE	USE O	AY.	
	HAL COMPL	ETED FORM	i TO:	LUNK	OS ENVI	RONNE	NTAL	PROTECTION A	GENCY		LOG					

43 W 636 ROUTE 30

SUGAR GROVE ST. II ZP. 60554 FEDERAL

OWNER INFORMATION

NOTICE OF INTENT (NOI)

GENERAL PERMIT TO DISCHARGE STORM SEWER

CONSTRUCTION SITE ACTIVITIES

IMPORTANT: FORM MUST BE TYPED TO ENABLE AUTOMATED OPTICAL PROCESSING.

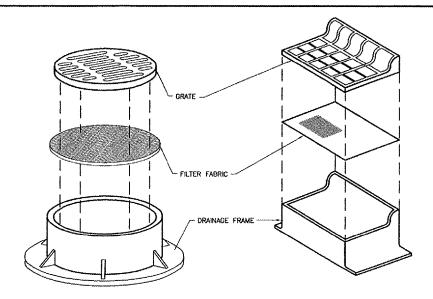
FREST MI. (SEE BISHUCTIONS) OWNER TIPE (SELECT ONE AND TYPE Y

PRIVATE COUNTY STATE

X GTY SPECIAL DISTRICT

NOTES FOR EROSION CONTROL

- 1. THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT FOR
- ALL PROJECT AREAS, INCLUDING CONTRACTOR'S STOCKPILE AREA, ABANDONED HAUL ROADS AND STAGING AREAS, AS SHOWN ON THE PLANS, SHALL HAVE 4 INCHES OF TOPSOIL PLACED AND BE SEEDED AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS. AREAS DISTURBED OUTSIDE THE PROJECT LIMITS WILL BE SEEDED AND MULCHED BY THE CONTRACTOR AT HIS COCEAN CONTRACTOR AT CONTRACT HIS COST AND RESTORED TO ORIGINAL CONDITIONS.
- ANY FIELD/DRAIN TILES THAT ARE DAMAGED IN ANY WAY SHALL BE IMMEDIATELY REPAIRED ACCORDING TO THE PLANS/SPECIFICATIONS AND SHALL BE PROTECTED FROM SEDIMENT-LADEN WATER.
- SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH 1/2" RAIN EVENT.
- 5. THE CONTRACTOR SHALL HAVE A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MAINTAINED ON THE
- 6. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD).
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE
- 8. DURING DEWATERING OPERATION, WATER SHALL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS.
- 9. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
- 10. KDSWCD MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRECONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES AND ONE WEEK PRIOR TO THE FINAL INSPECTION.



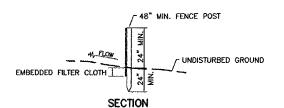
NOTES:

- FILTER WRAP TO BE PLACED IN ALL SLOPE BOXES, INLETS, MANHOLES, TRENCH DRAINS AND CATCH BASINS LOCATED IN PAVED AREAS AND NONPAVED AREAS.
- FABRIC SHALL BE IN CONFORMANCE WITH MATERIALS SPECIFIED FOR FABRIC FENCE.
- FABRIC SHALL OVERLAY FRAME BY 2-INCH (MINIMUM).
- CONTRACTOR SHALL CLEAR DEBRIS AND SILT AS REQUIRED FROM FABRIC TO MAINTAIN DRAINAGE THROUGH THE STRUCTURE.
- FABRIC SHALL REMAIN IN PLACE UNTIL TURFED AREAS HAVE DEVELOPED A MINIMUM OF 80% OF COVERAGE.
- COST OF FILTER WRAP SHALL BE CONSIDERED INCIDENTAL TO INLET PROTECTION.

DRAINAGE STRUCTURE FILTER WRAP NOT TO SCALE

5' MAX C. TO C. 48" MIN. FENCE POSTS, DRIVEN 24" MINIMUM INTO GROUND SILT FENCE (FABRIC FENCE)

PERSPECTIVE VIEW



EROSION CONTROL FABRIC FENCE DETAIL NOT TO SCALE

CONSTRUCTION NOTES FOR SILT (FABRIC) FENCE

- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER- LAPPED BY 6-INCH MIN, AND FOLDED.
- 2. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

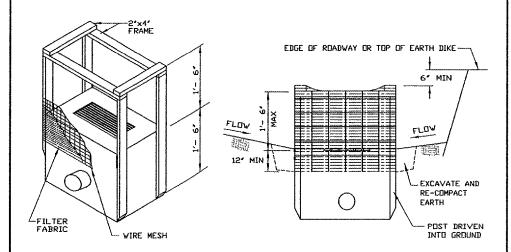
 MAINTENANCE, WHICH INCLUDES THE REPLACEMENT OF DAMAGED
 FENCE, SHALL BE CONSIDERED INCIDENTAL TO THE COST OF
 THE EROSION CONTROL FENCE.
- 3. SILT FENCE SHALL BE INSTALLED PER STORM WATER POLLUTION PREVENTION PLAN OR AS DIRECTED BY THE ENGINEER.

SOIL PROTECTION CHART CHART PROVIDED BY KDSWCD

STABILIZATION TYPE	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	ост	NOV	DEC
PERMANENT SEEDING			+4		+ A1	*	*		•	+ A1		
DORMANT SEEDING	В		•								+8	->
TEMPORARY SEEDING			+ <u>c</u>			-	D		-			
SODDING			+£	**								
MULCHING	F											-

- A KENTUCKY BLUEGRASS 100 LBS/ACRE
 PERENNIAL RYEGRASS 60 LBS/ACRE
 CREEPING RED FESCUE 40 LBS/ACRE

 D WHEAT OR CEREAL RYE
- A1 NATIVE SEEDING
- B KENTUCKY BLUGRASS 100 LBS/ACRE PERENNIAL RYEGRASS 60 LBS/ACRE CREEPING RED FESCUE 40 LBS/ACRES + 1 TON HYDROMULCH
- D WHEAT OR CEREAL RYE 150 LBS/ACRE
- E SOD
- F HYDROMULCH 1 TON/ACRE
- * IRRIGATION NEEDED DURING JUNE AND JULY
- ** IRRIGATION NEEDED FOR 2 TO 3
 WEEKS AFTER APPLYING SOD

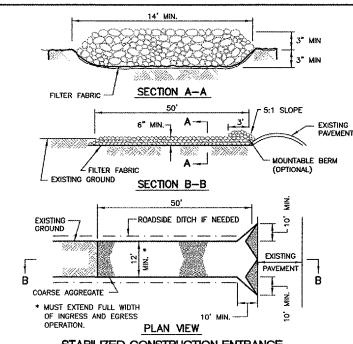


INLET PROTECTION

FROM NRCS STANDARD DRAWING NO. IL-560

NOTES:

- 1. FILTER FABRIC SHALL MEET THE REQUIREMENT OF AR156510 SILT FENCE.
- 2. THE WIRE MESH SHALL HAVE A MAXIMUM OPENING OF AT LEAST 6 INCHES.



STABILIZED CONSTRUCTION ENTRANCE FROM NRCS STANDARD DRAWING NO. IL-630

- 1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFIED FOR AR152540 IN THE ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF AERONAUTICS SUPPLEMENTAL SPECIFICATIONS AND RECURING SPECIAL PROVISIONS.
- ROCK OR RECLAIMED CONCRETE SHALL MEET ONE OF THE FOLLOWING IDOT COARSE AGGREGATE GRADATION, CA-1, CA-2, CA-3 OR CA-4.
- 3. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS AND SHALL BE INCIDENTAL TO THE CONTRACT.
- 4. MINIMUM WIDTH IS 12' FOR ONE-WAY TRAFFIC AND 20' FOR TWO WAY TRAFFIC. TWO-WAY TRAFFIC WIDTHS SHALL BE INCREASED A MINIMUM OF 4' FOR TRAILER TRAFFIC. DEPENDING ON THE TYPE OF VEHICLE OR EQUIPMENT, SPEED, LOADS, CLIMATIC AND OTHER CONDITIONS UNDER WHICH VEHICLES AND EQUIPMENT OPERATE AN INCREASE IN THE MINIMUM WIDTHS MAY BE
- 5. ROADWAY SHALL FOLLOW THE CONTOUR OF THE NATURAL TERRAIN TO THE EXTENT POSSIBLE.
- 6. STABILIZED CONSTRUCTION ENTRANCE SHALL BE INCIDENTAL TO THE CONTRACT.

AU062 K:\AuroraAp\0428504\Draw\Sheets\ FILE: stormerosdtl.dwg LAYOUT: Layout1 JPDATE BÝ; johse SURVEY BOOK # DATE: Thu 3/16/06 6:04pm XREF DWG: tbclnt.dwg tb.dwg REVISIONS NUMBER

BY DATE THIS BAR IS EQUAL TO 2

AT FULL SCALE (34X22).

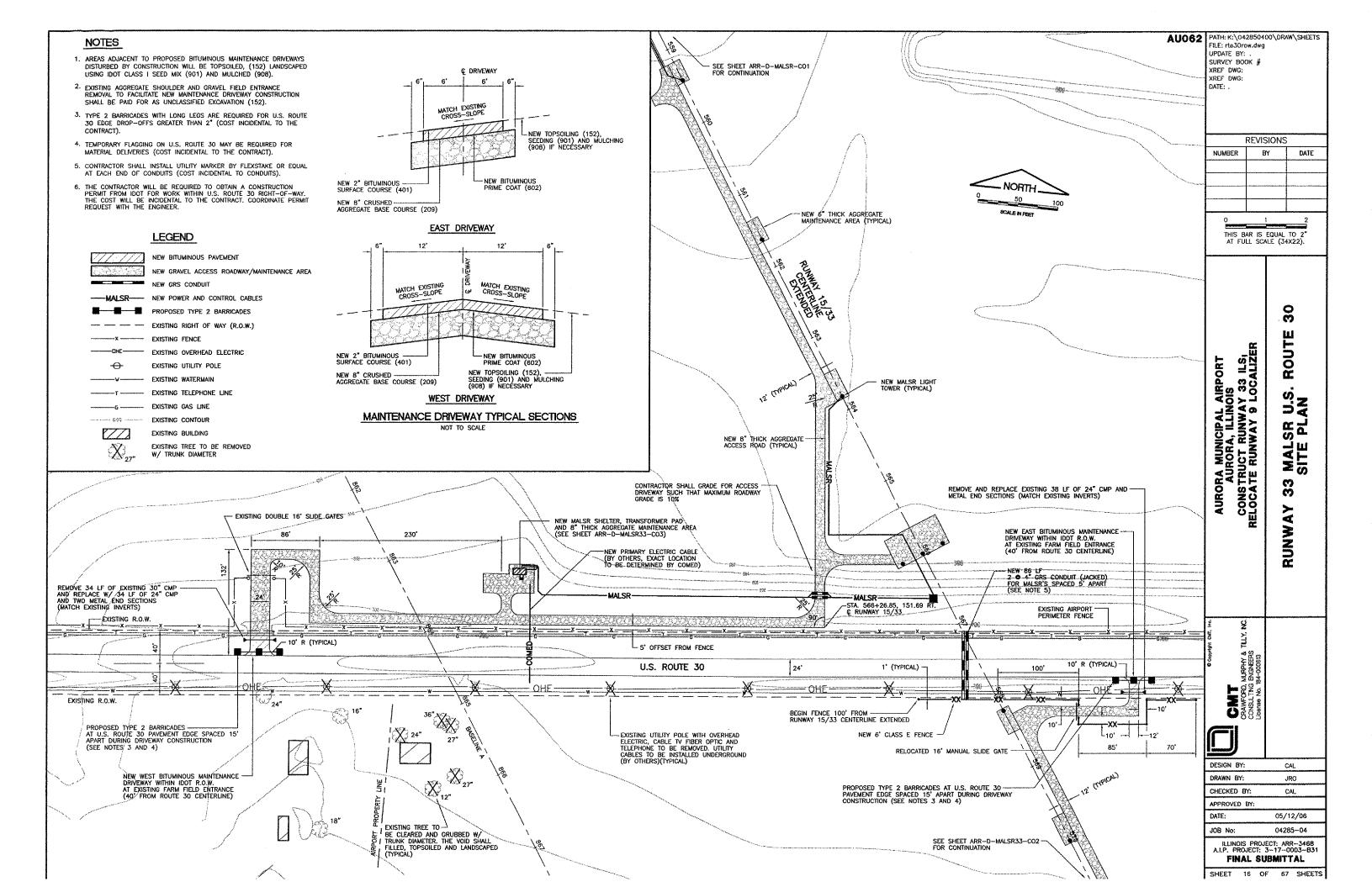
PLAN AURORA MUNICIPAL AIRPORT AURORA, ILLINOIS CONSTRUCT RUNWAY 33 ILS; ELOCATE RUNWAY 9 LOCALIZER حة **₹**2 ATER ENTI PREV

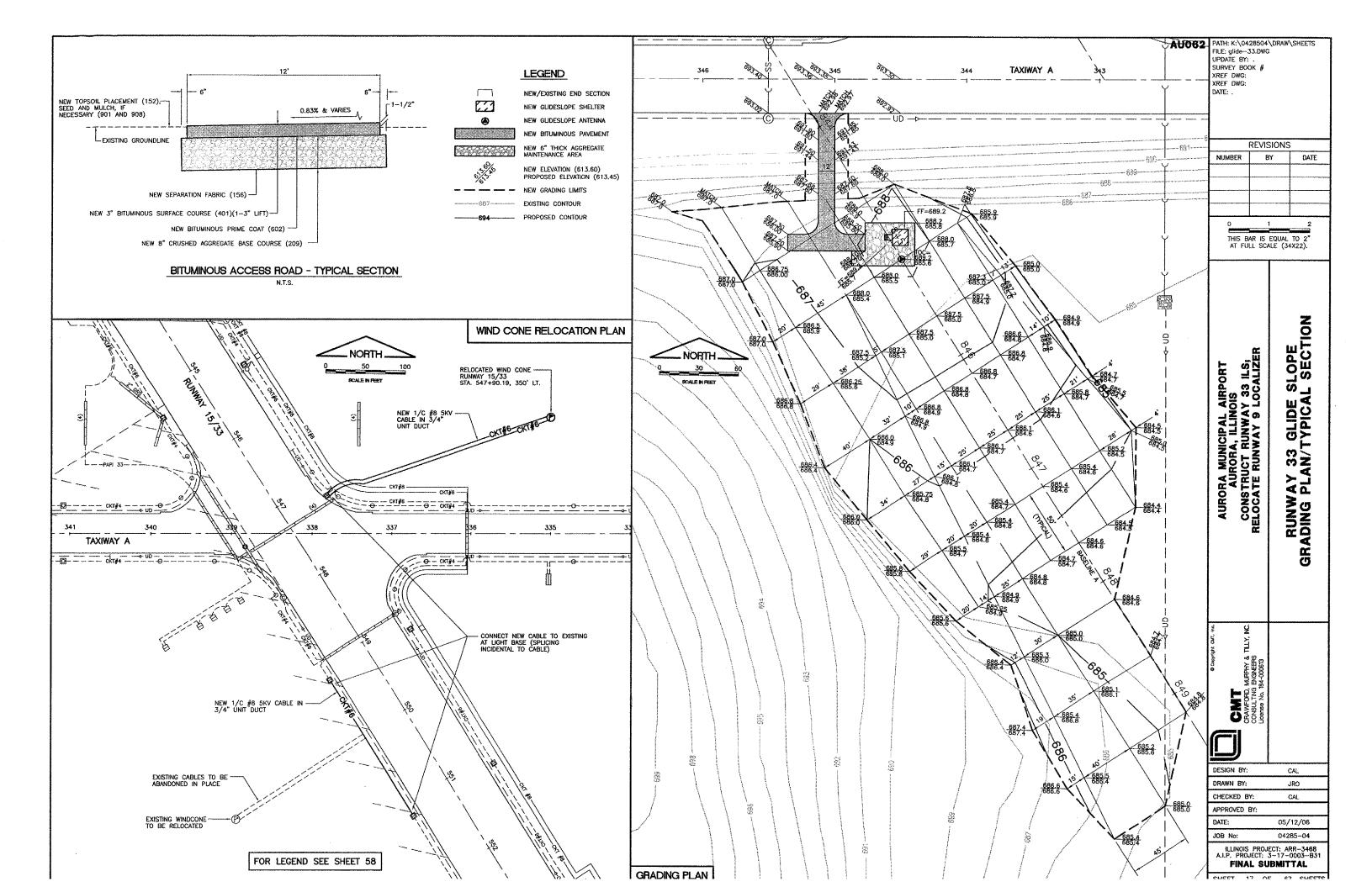
S

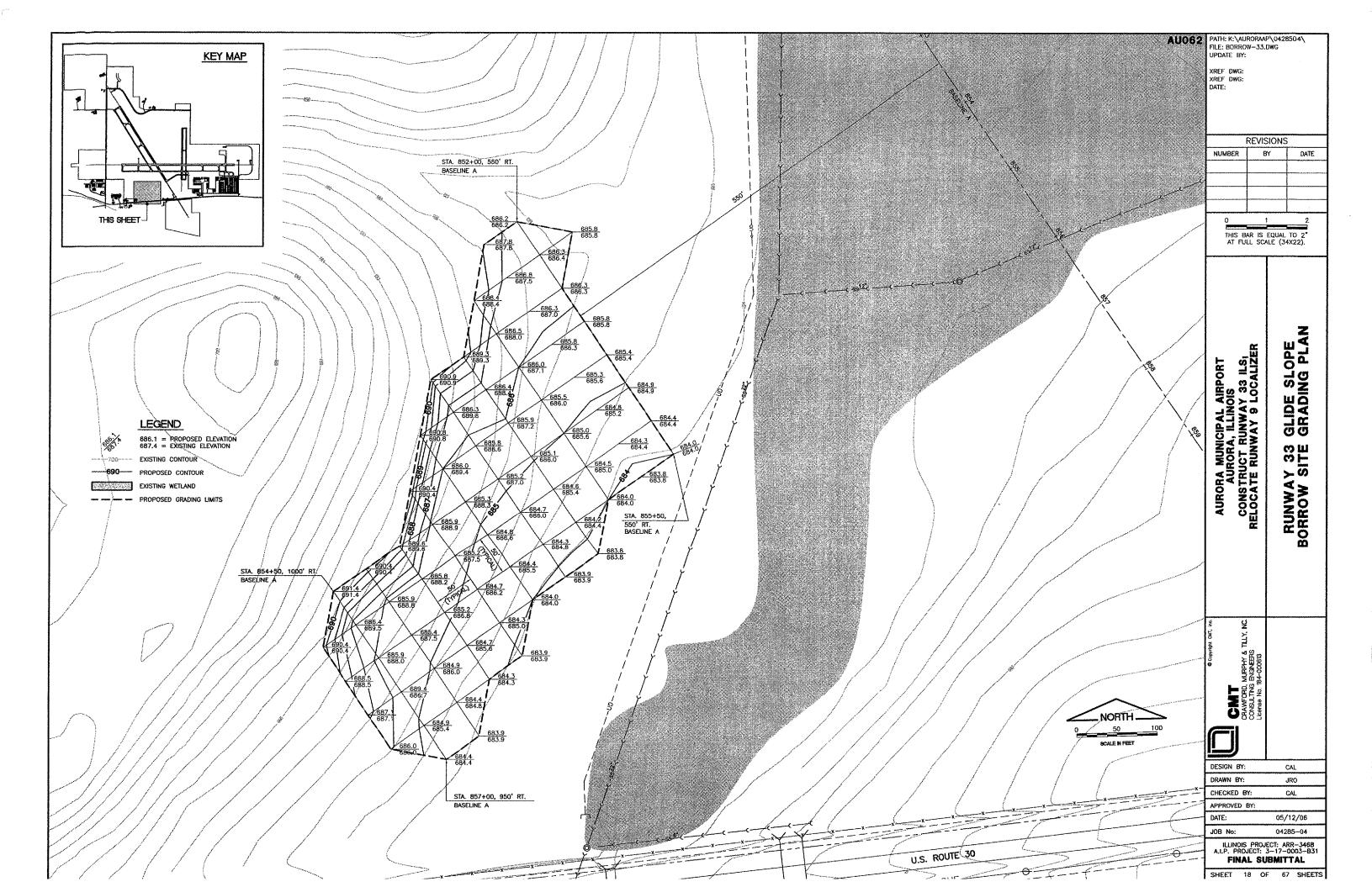
GWL DRAWN BY JRO CHECKED BY CAL PPROVED BY: DATE: 05/12/06 04285-04

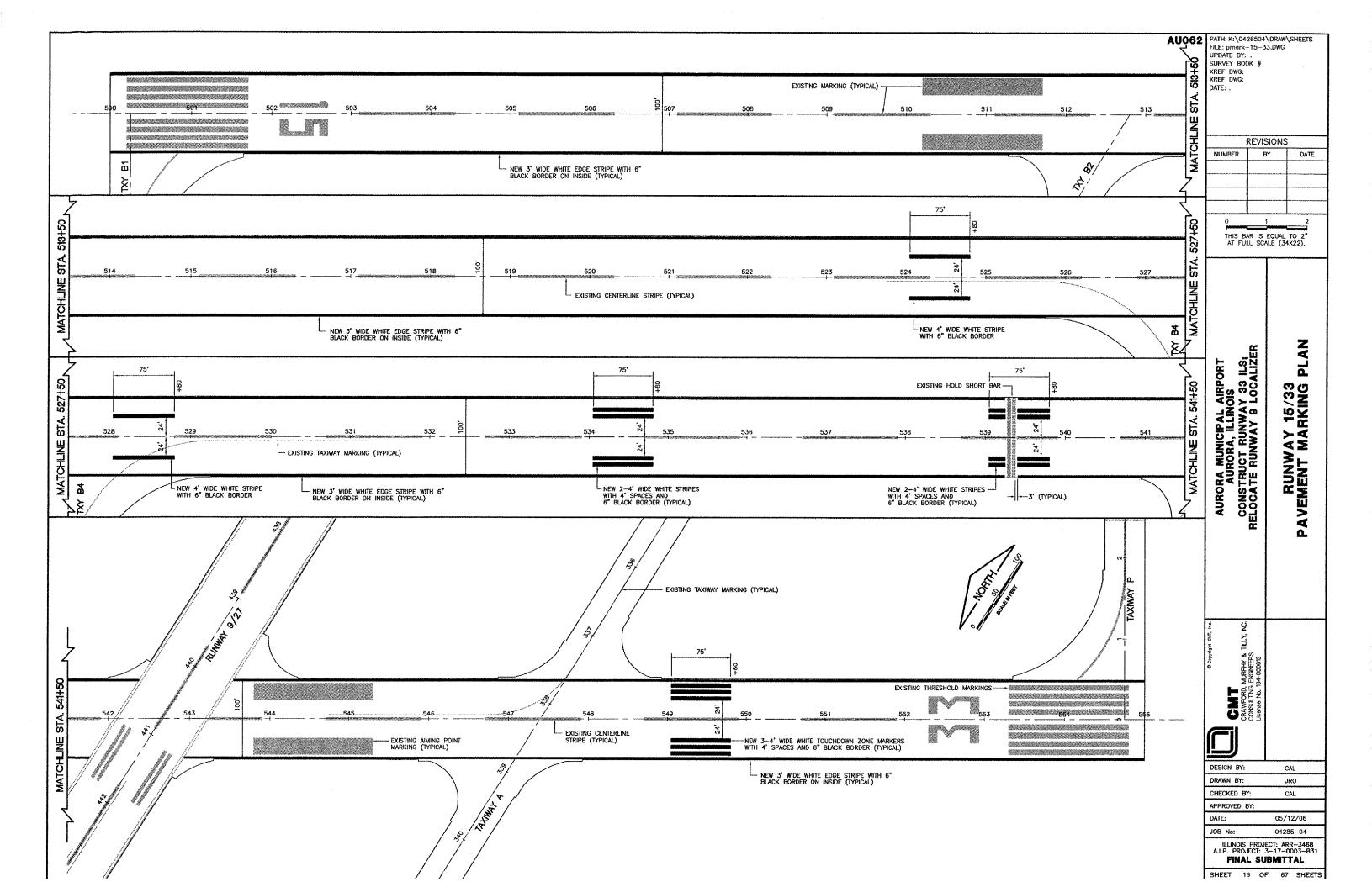
ILLINOIS PROJECT: ARR-3468 A.I.P. PROJECT: 3-17-0003-831 FINAL SUBMITTAL

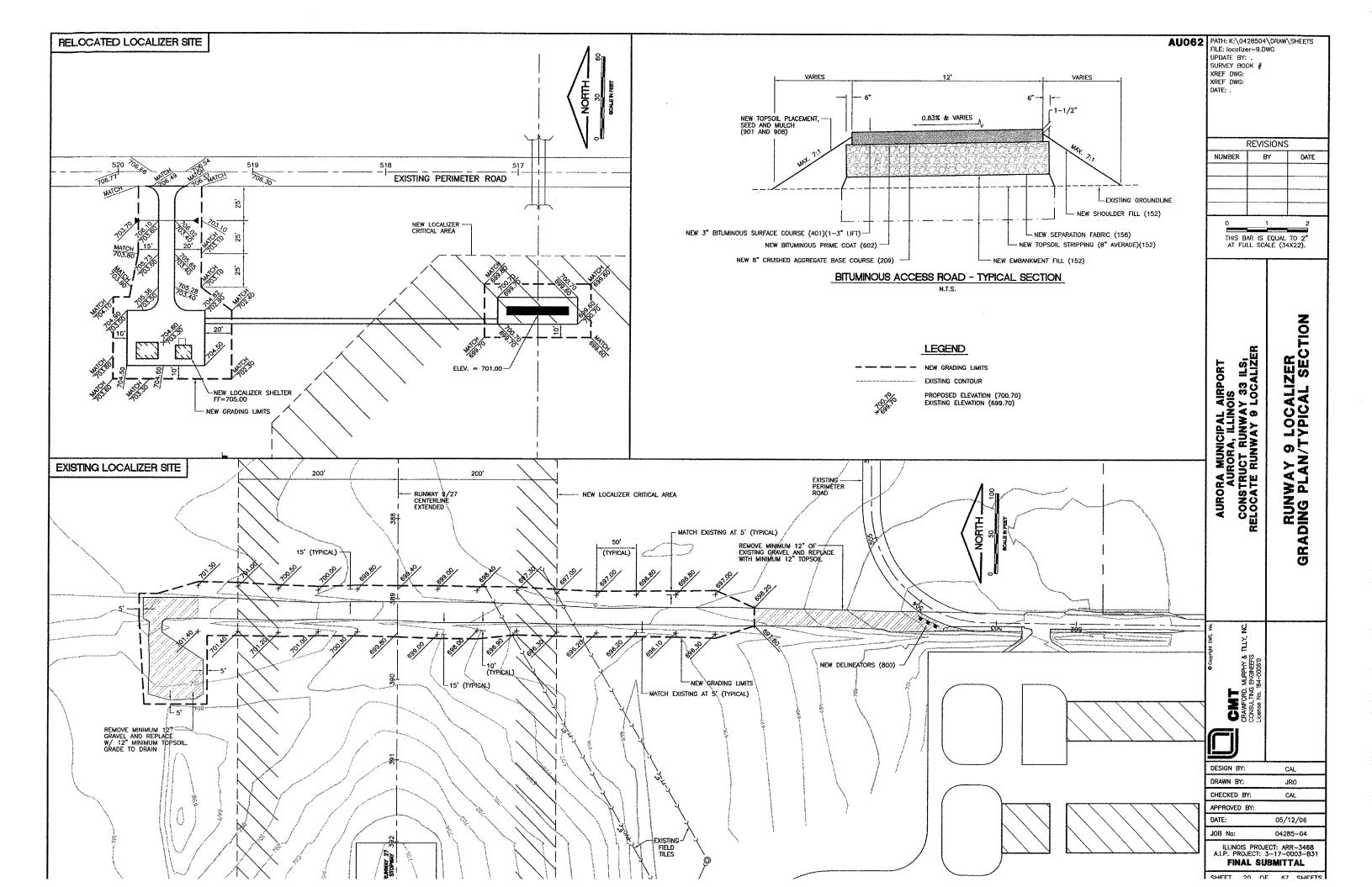
SHEET 15 OF 67 SHEETS

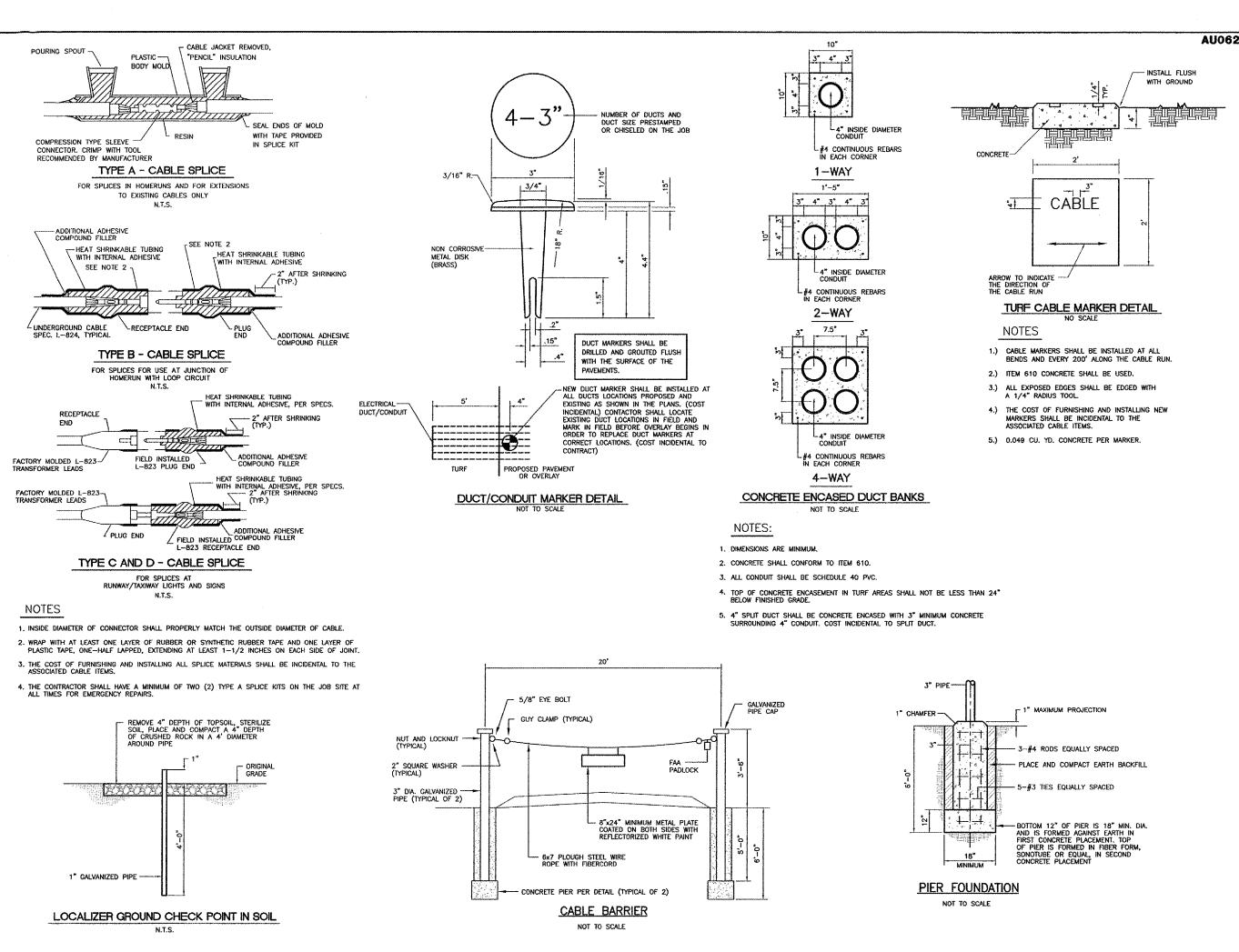












AU062 PATH: K:\AuroraAp\0428504\Draw\Sheets FILE: elecdti1.dwg UPDATE BY: lohse SURVEY BOOK # XREF DWG: XREF DWG: DATE: Wed 12/15/04 5:39pm REVISIONS 8Y DATE THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22). S AURORA MUNICIPAL AIRPORT AURORA, ILLINOIS CONSTRUCT RUNWAY 33 ILS, RELOCATE RUNWAY 9 LOCALIZER **ANEOUS** CELL S Ī ICAL/I

CTR

Ĭ

CAL

CAL

05/12/06

04285-04

ILLINOIS PROJECT: ARR-3468 A.I.P. PROJECT: 3-17-0003-B31

FINAL SUBMITTAL SHEET 21 OF 67 SHEETS

JRO

5

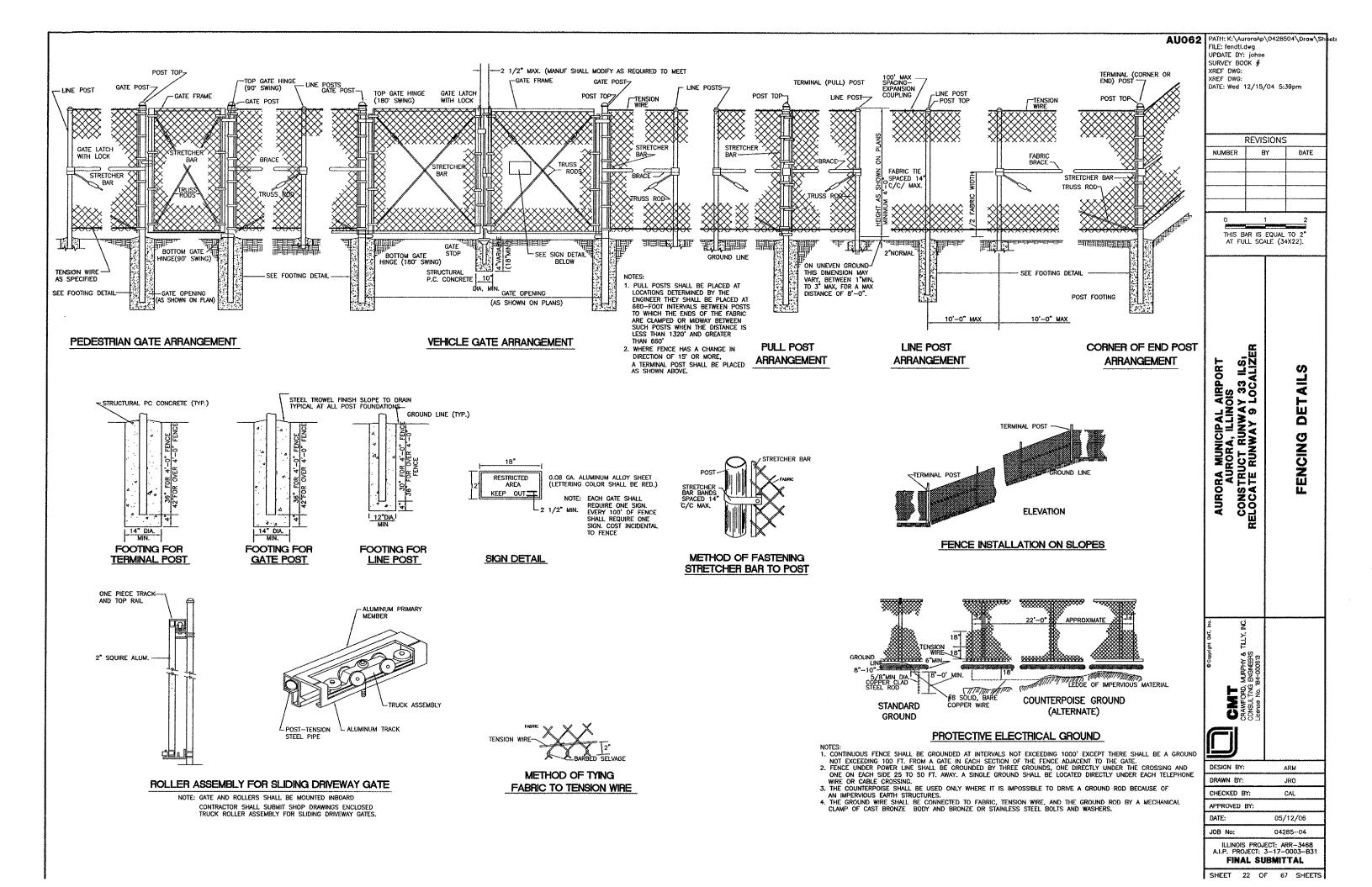
DESIGN BY

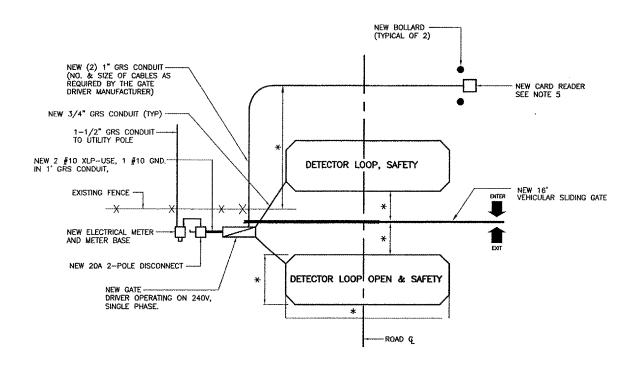
CHECKED BY:

APPROVED BY:

DATE:

JOB No

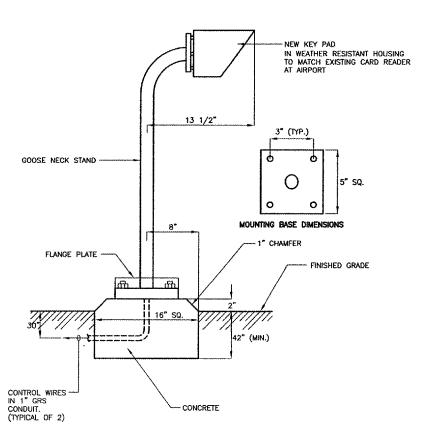




NEW KEY PAD OPERATED GATE AND DETECTOR LOOP LAYOUT

NOT TO SCALE

PER MANUFACTURERS RECOMENDATION CONTRACTOR SHALL COORDINATE THIS WORK WITH ENGINEEER.



CARD READER MOUNTING DETAIL

NOT TO SCALE

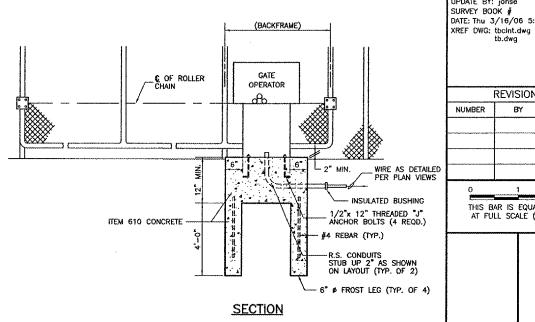
NOTES:

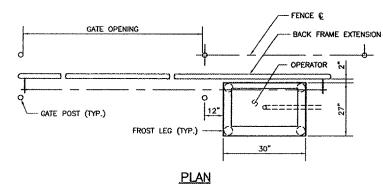
- THE LOCATION OF THE PROPOSED KEY PAD OPERATED GATE DRIVER, DISCONNECT, CARD READER, AND DETECTOR LOOPS ARE FOR INFORMATION ONLY AND SHALL RE
- 2. THE MINIMUM BURIAL DEPTH FOR GRS CONDUIT IS $24^{\prime\prime}$ Below finished grade.
- 3. NO DIRECT BURIED CABLE WILL BE ALLOWED IN THE INSTALLATION OF THE NEW KEY PAD OPERATED GATE
- NEW KEY PAD SHALL BE MODEL # 55-LCK1000 BY LINK CONTROLS OR EQUAL.
- CONTRACTOR SHALL PROVIDE AND INSTALL ELECTRIC GATE COMPONENTS AS A COMPLETE WORKING UNIT. THE GATE WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE GATE OPERATOR AND FOUNDATION, AND POWER CABLES CONDUIT, KEY PAD, TRENCHING, CIRCUIT BREAKERS, AND ALL CONNECTIONS, LABOR AND MATERIALS NECESSARY TO COMPLETE OPERATION, BOLLARDS SHALL BE PAID FOR
- 6. LOCATION OF THE GATE OPERATOR SHALL BE AS RECOMMENDED BY THE MANUFACTURER,

	GATE TYPE	GATE
A	DISTANCE BETWEEN GATE POSTS (INSIDE FACE TO INSIDE FACE)	16'~0"
В	DISTANCE BETWEEN HANGER POSTS (CENTER TO CENTER)	10'-0"*
С	OVERALL GATE LENGTH	26'-6"*
D	OVERALL GATE HEIGHT	8'-0"
E	HEIGHT OF FABRIC IN GATE	8'-0"
F	COUNTER BALANCE LENGTH	106"
G	HEIGHT OF 4" POSTS ABOVE GRADE	8'6"

* OR AS RECOMMENDED BY MFG.

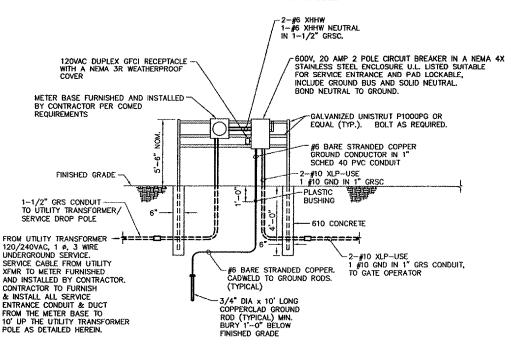
LOCATIONS, DETAILS AND CHARACTER OF EQUIPMENT SHOWN ON THIS SHEE ARE GENERIC. EQUIPMENT LOCATIONS SHALL BE AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.





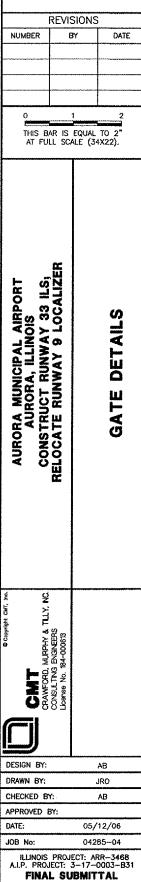
GATE OPERATOR DETAIL

NOT TO SCALE



SERVICE ENTRANCE AND DISCONNECT

NOT TO SCALE



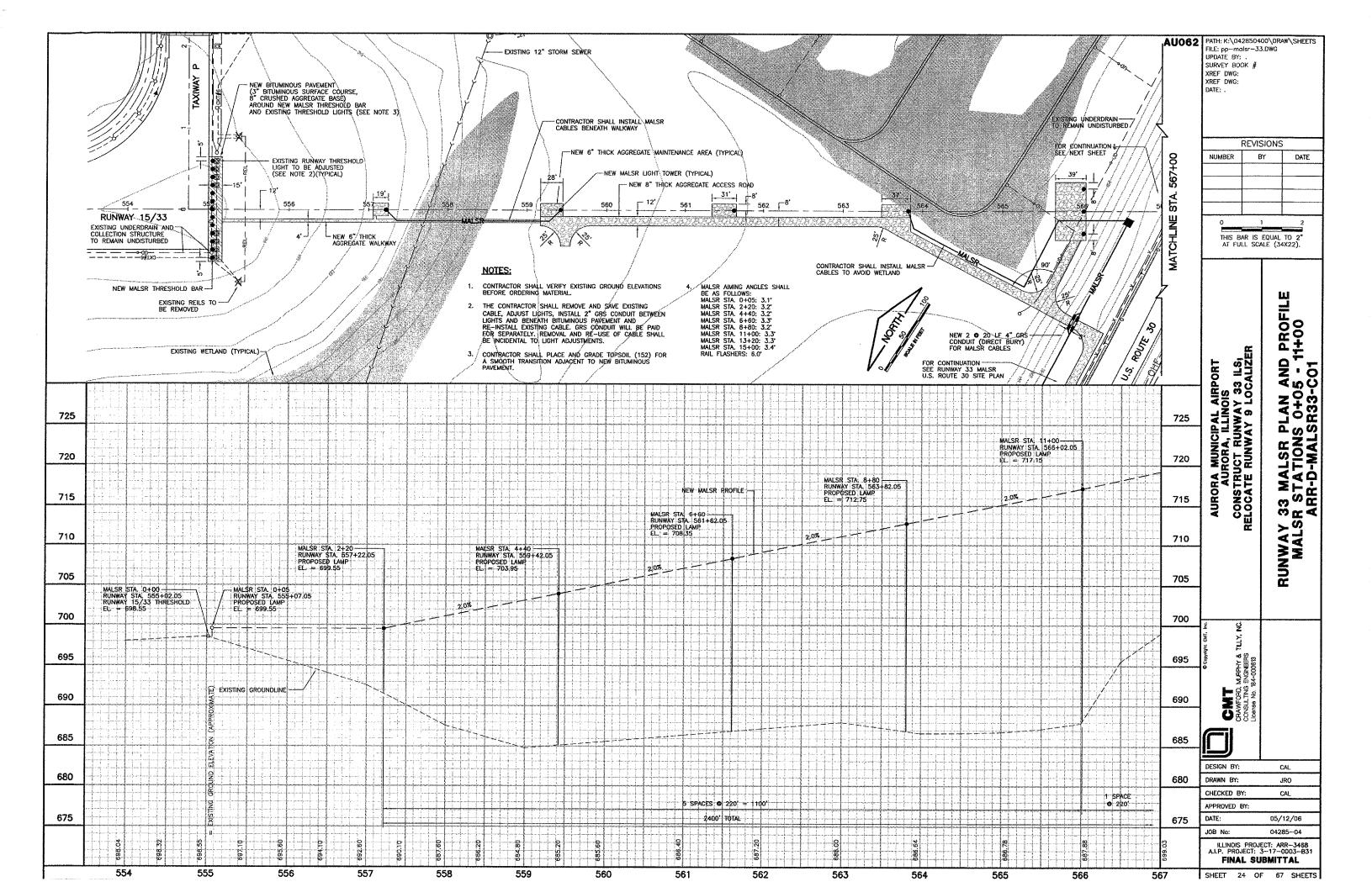
SHEET 23 OF 67 SHEETS

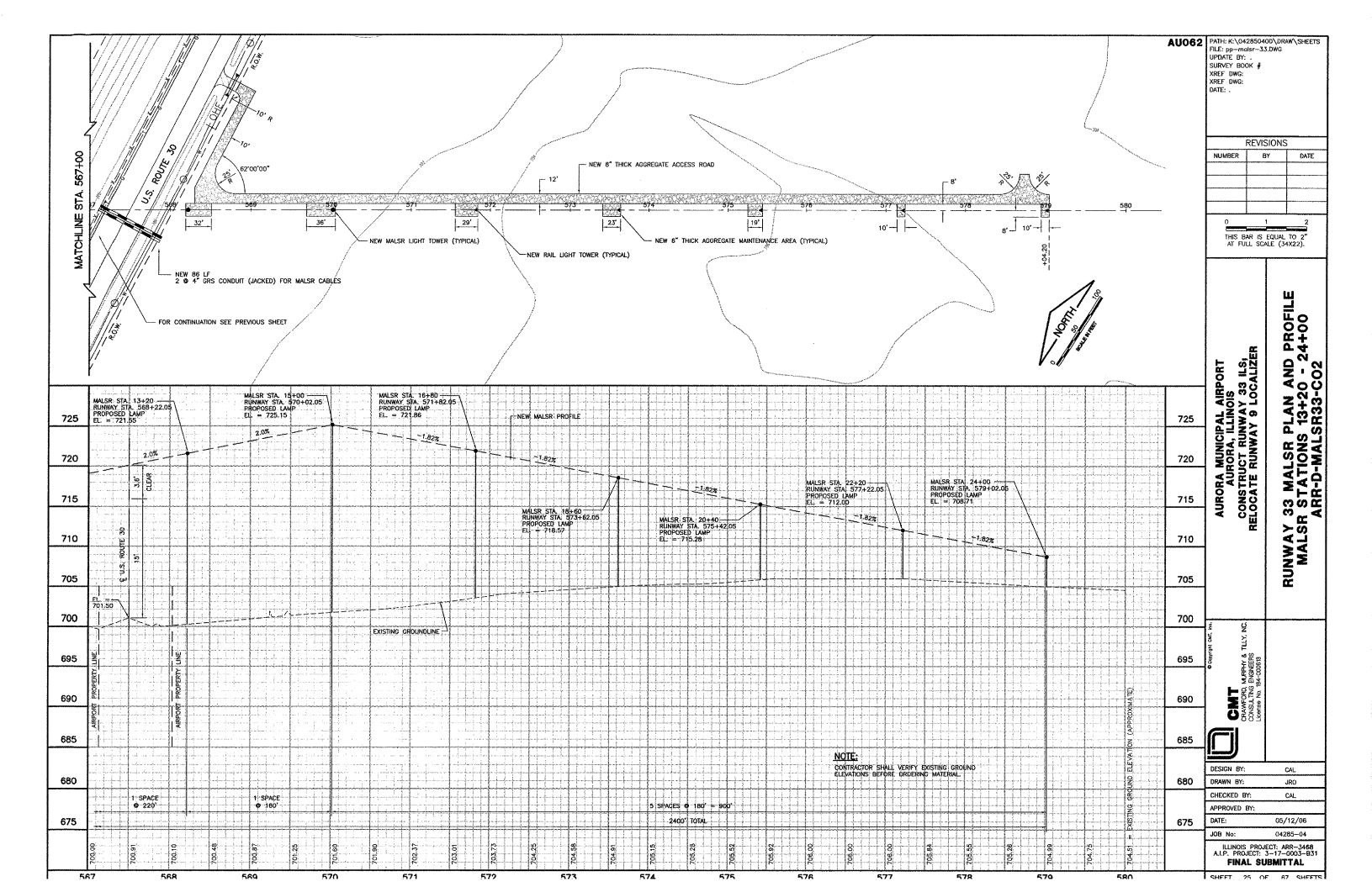
AU062 K:\AuroraAp\0428504\Draw\Sheets\ FILE: gate-det.dwg LAYOUT: Layout1

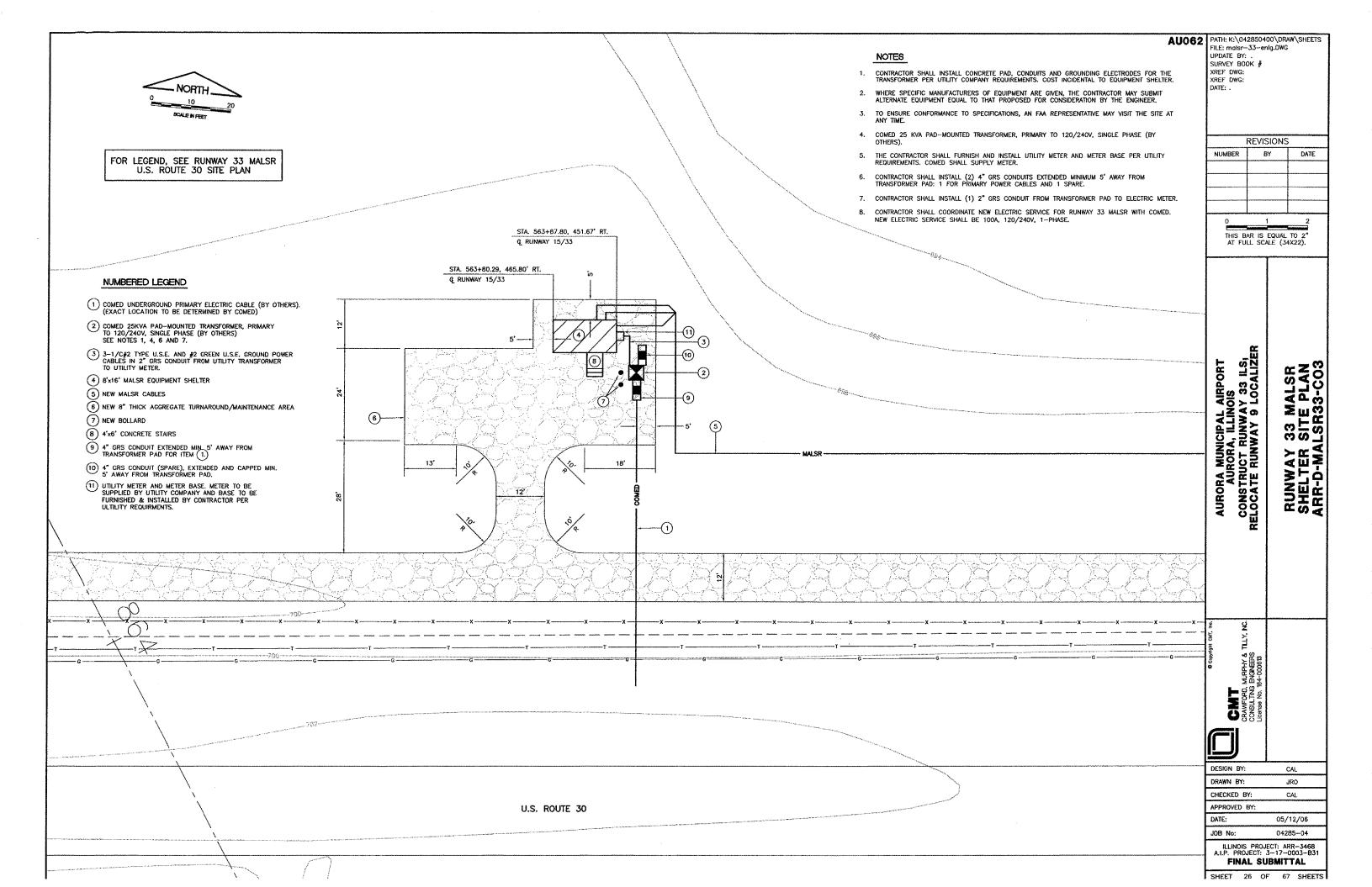
UPDATE BY: johse

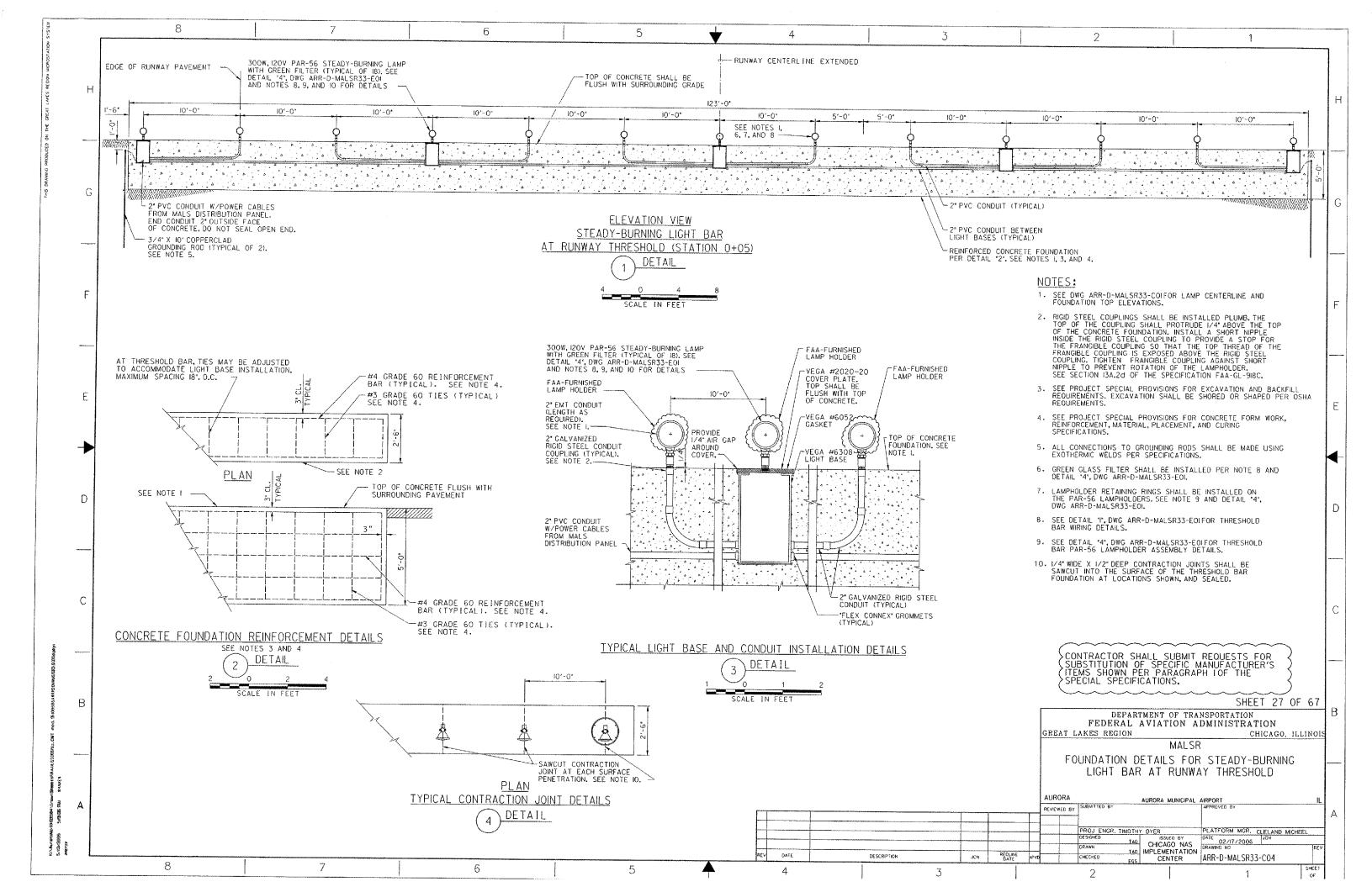
SURVEY BOOK #

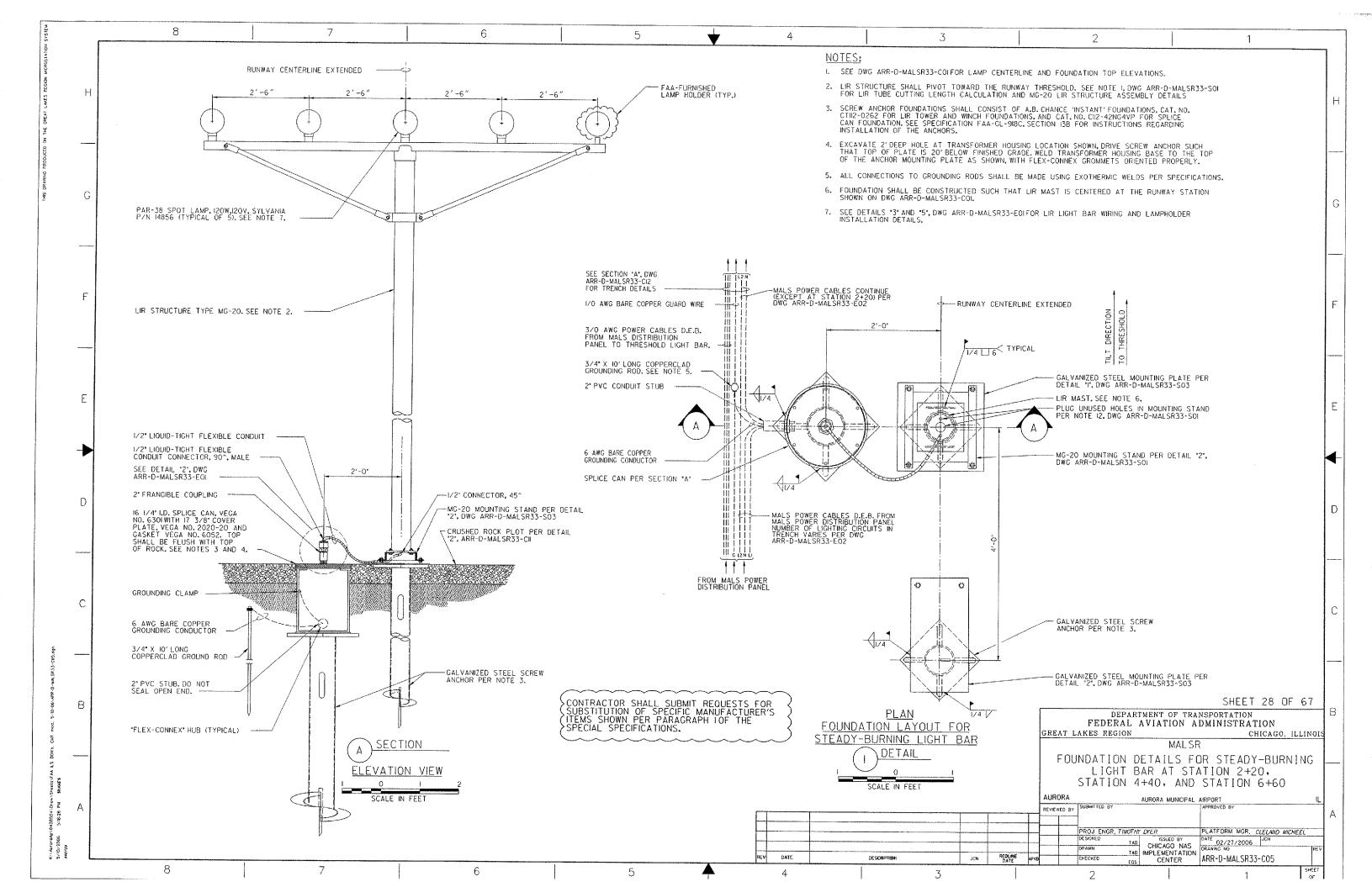
DATE: Thu 3/16/06 5:46pm

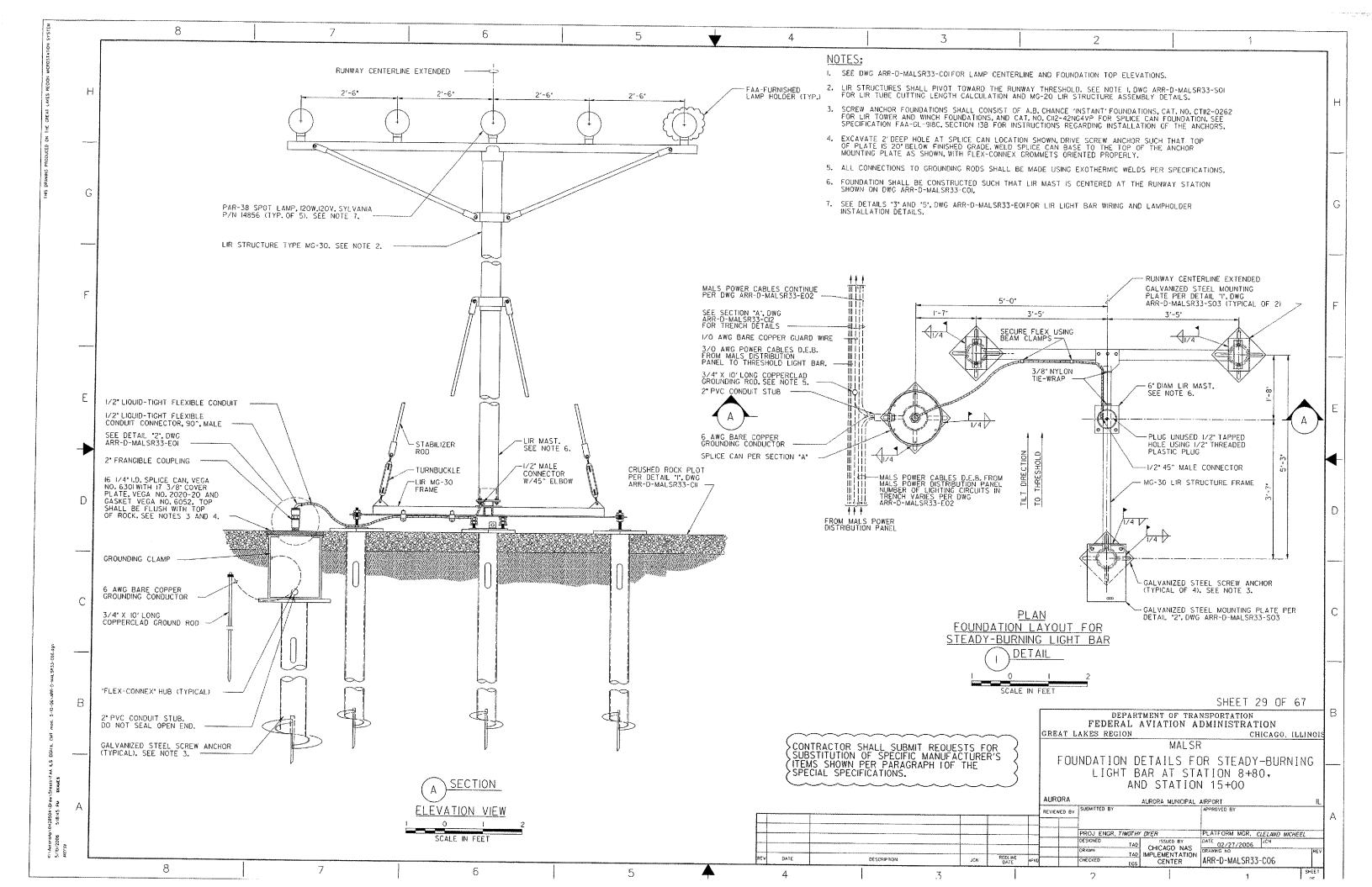


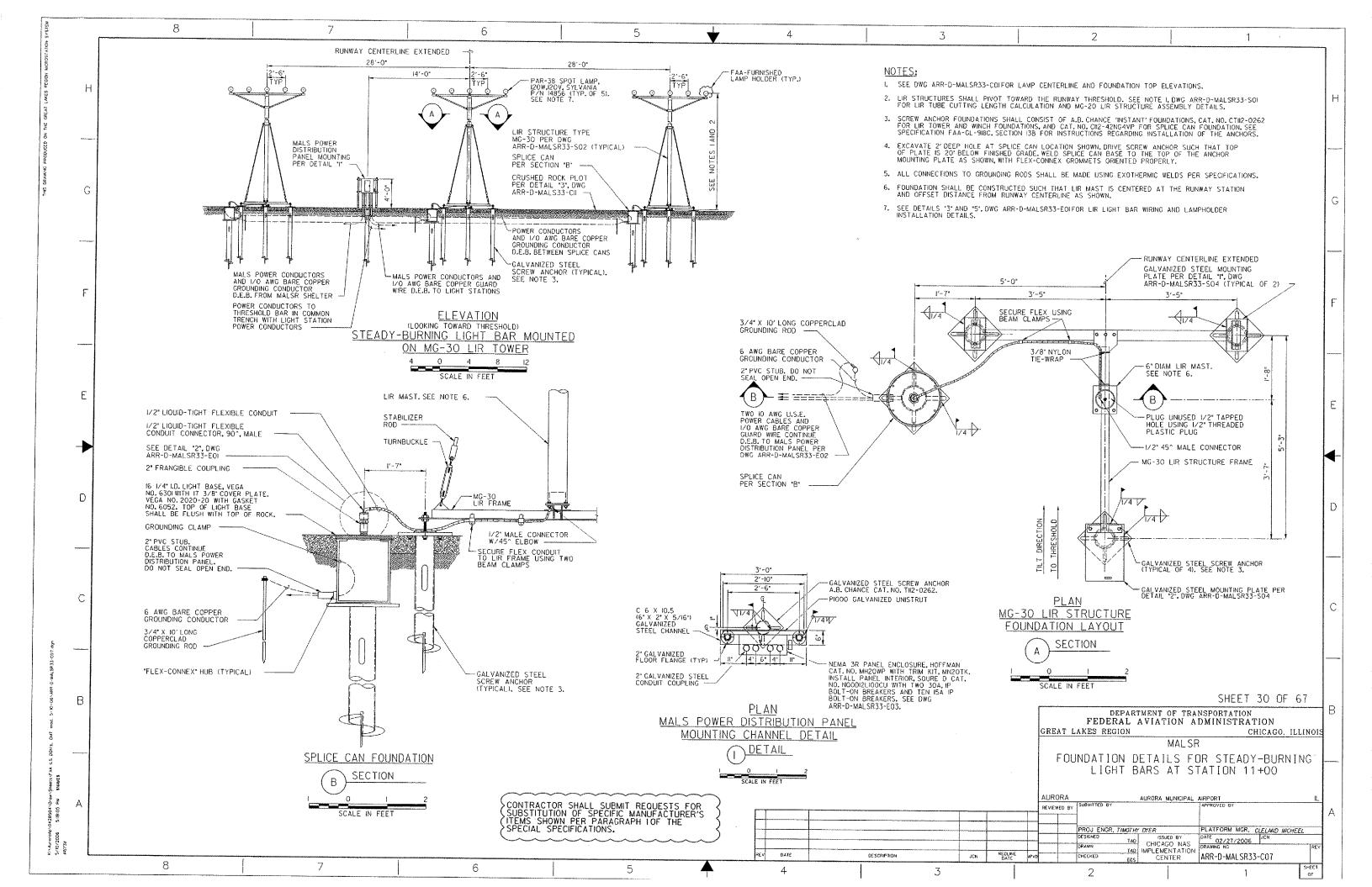


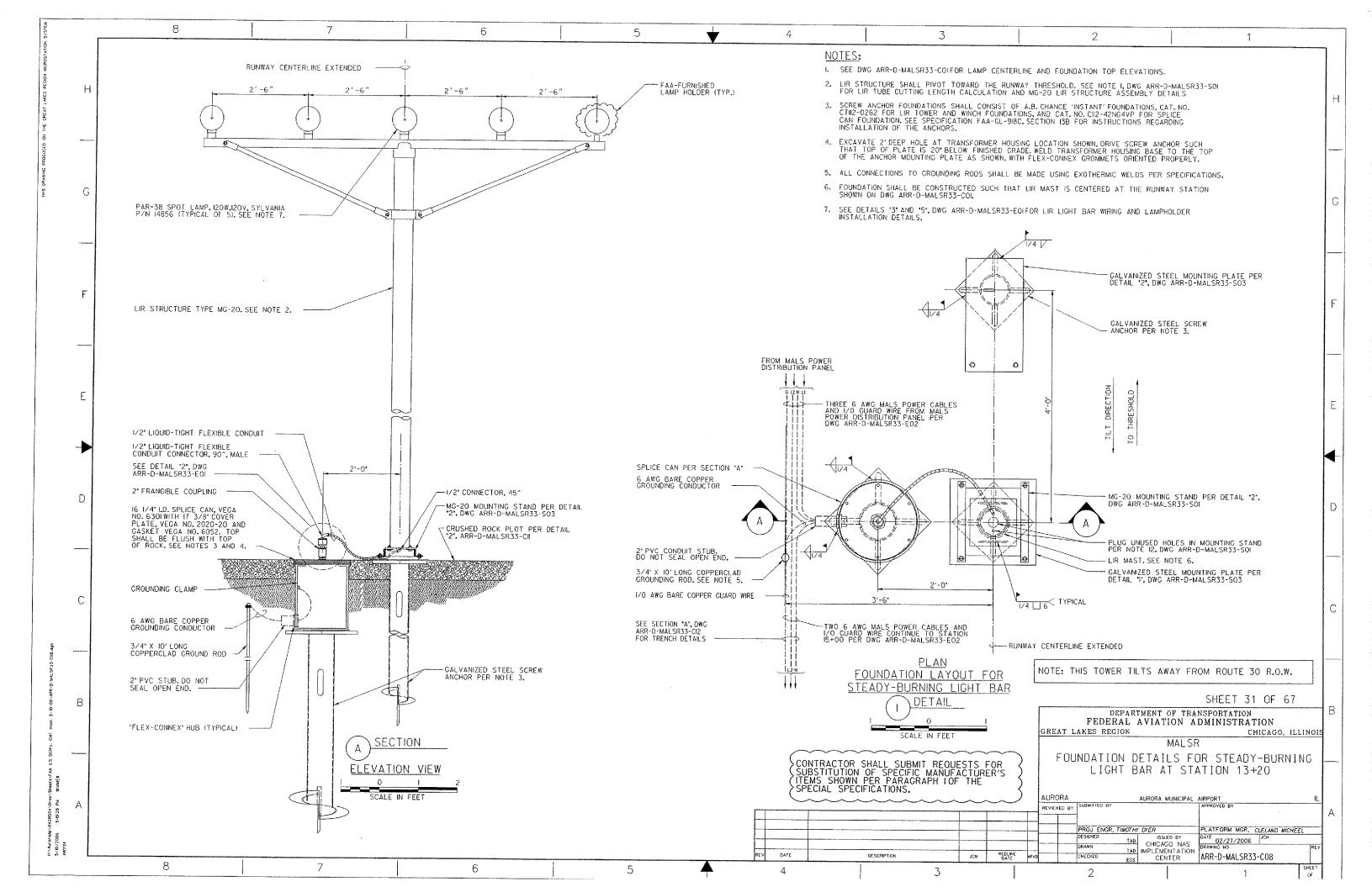


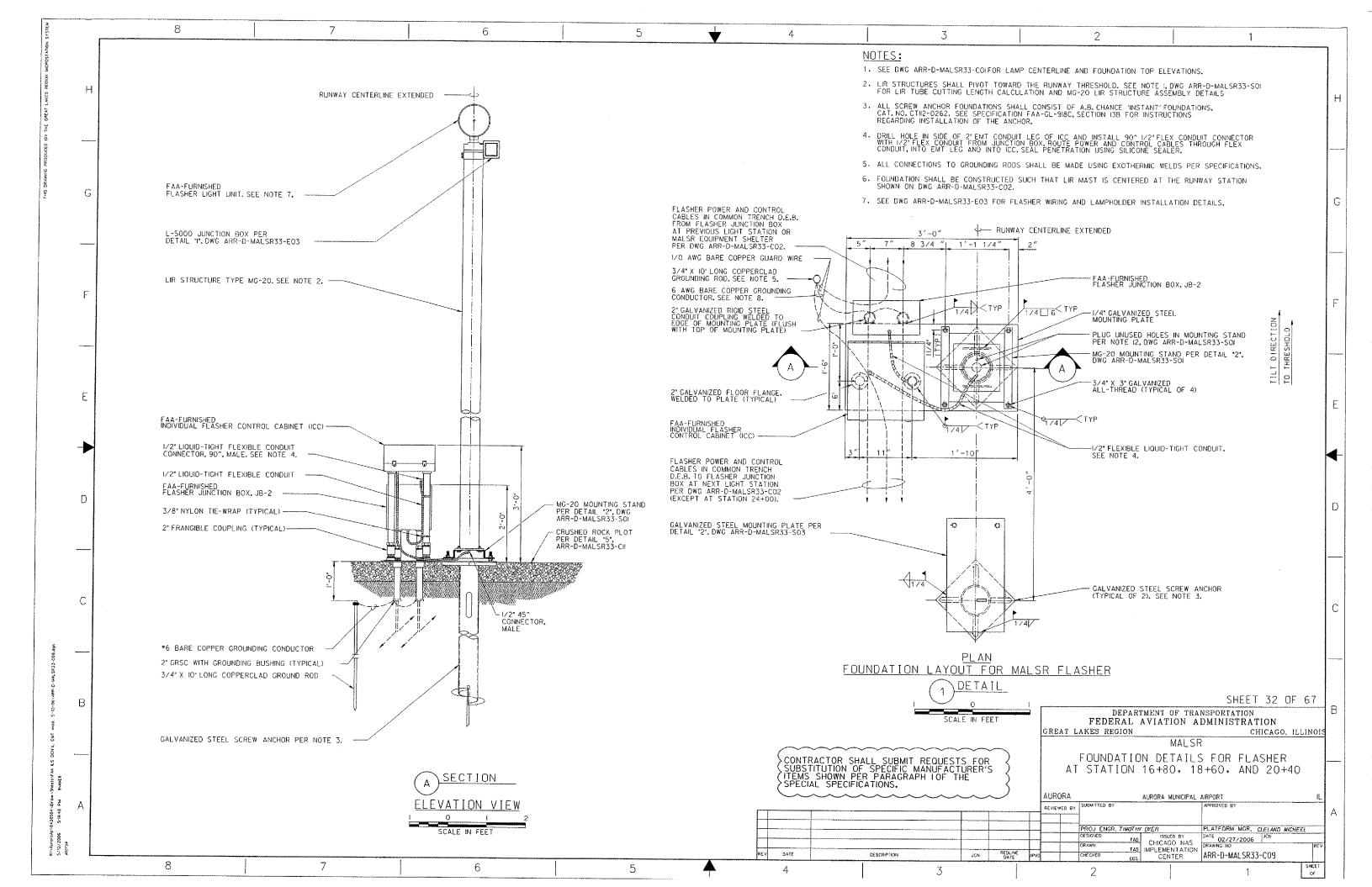


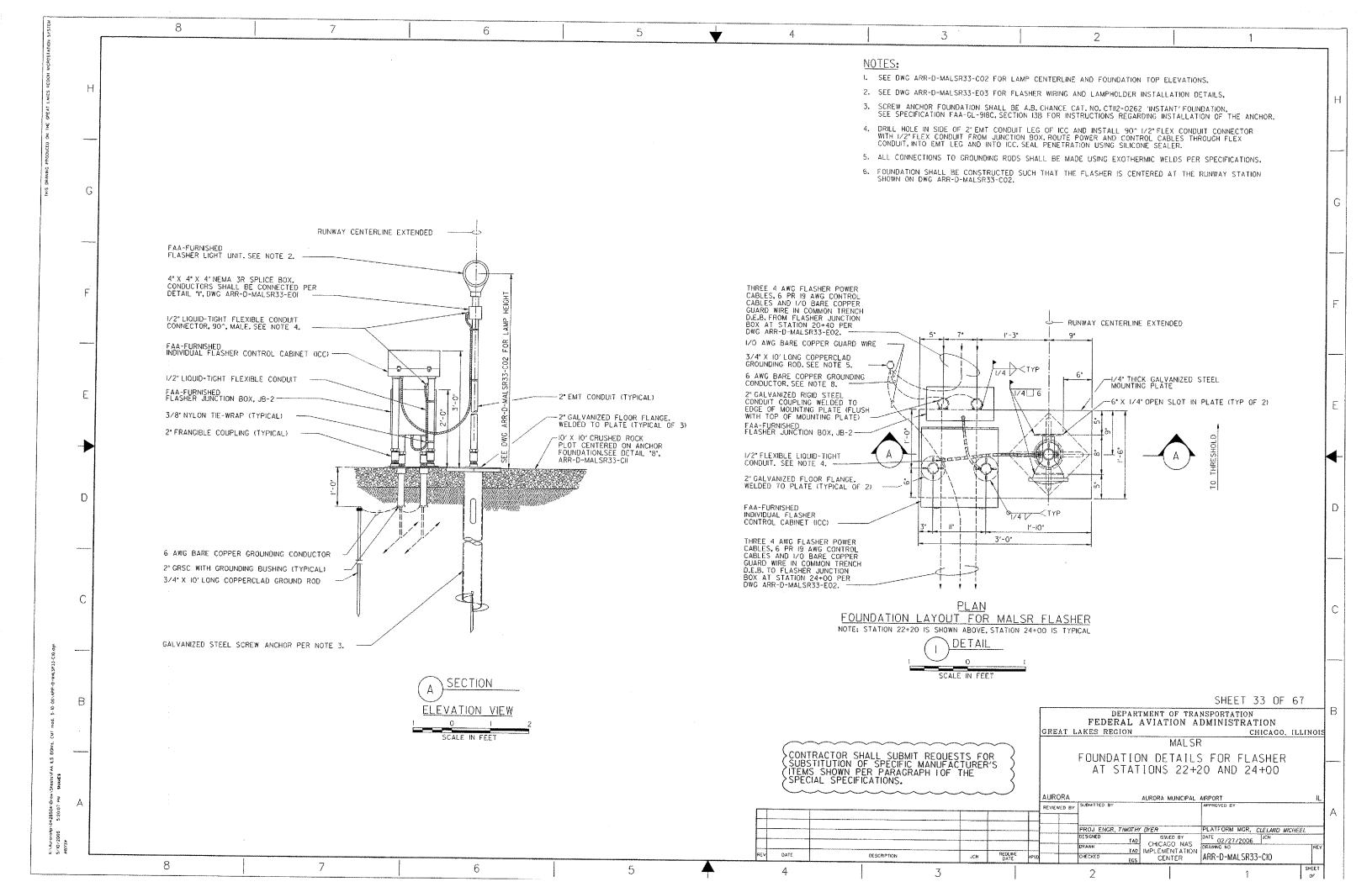


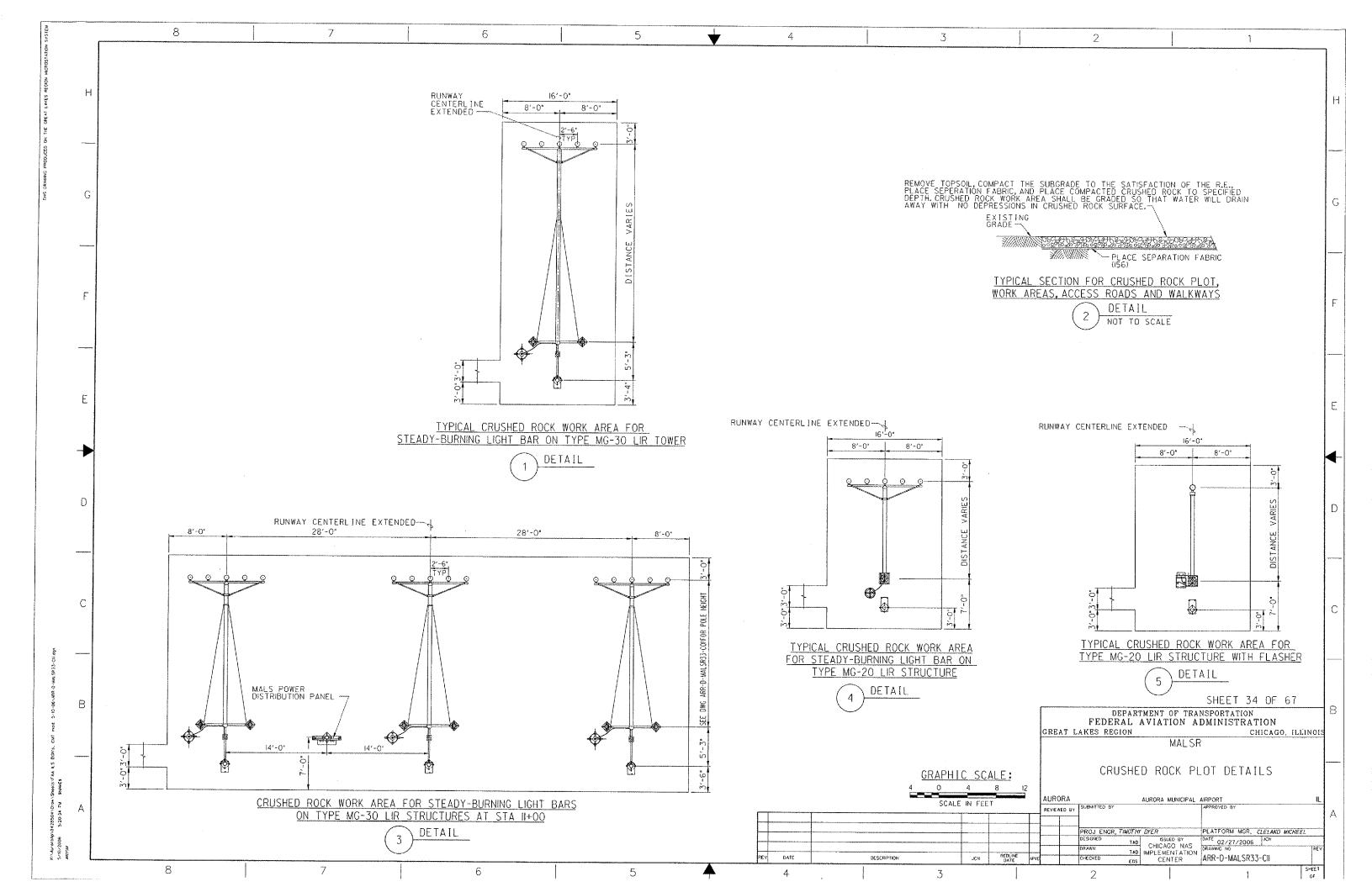


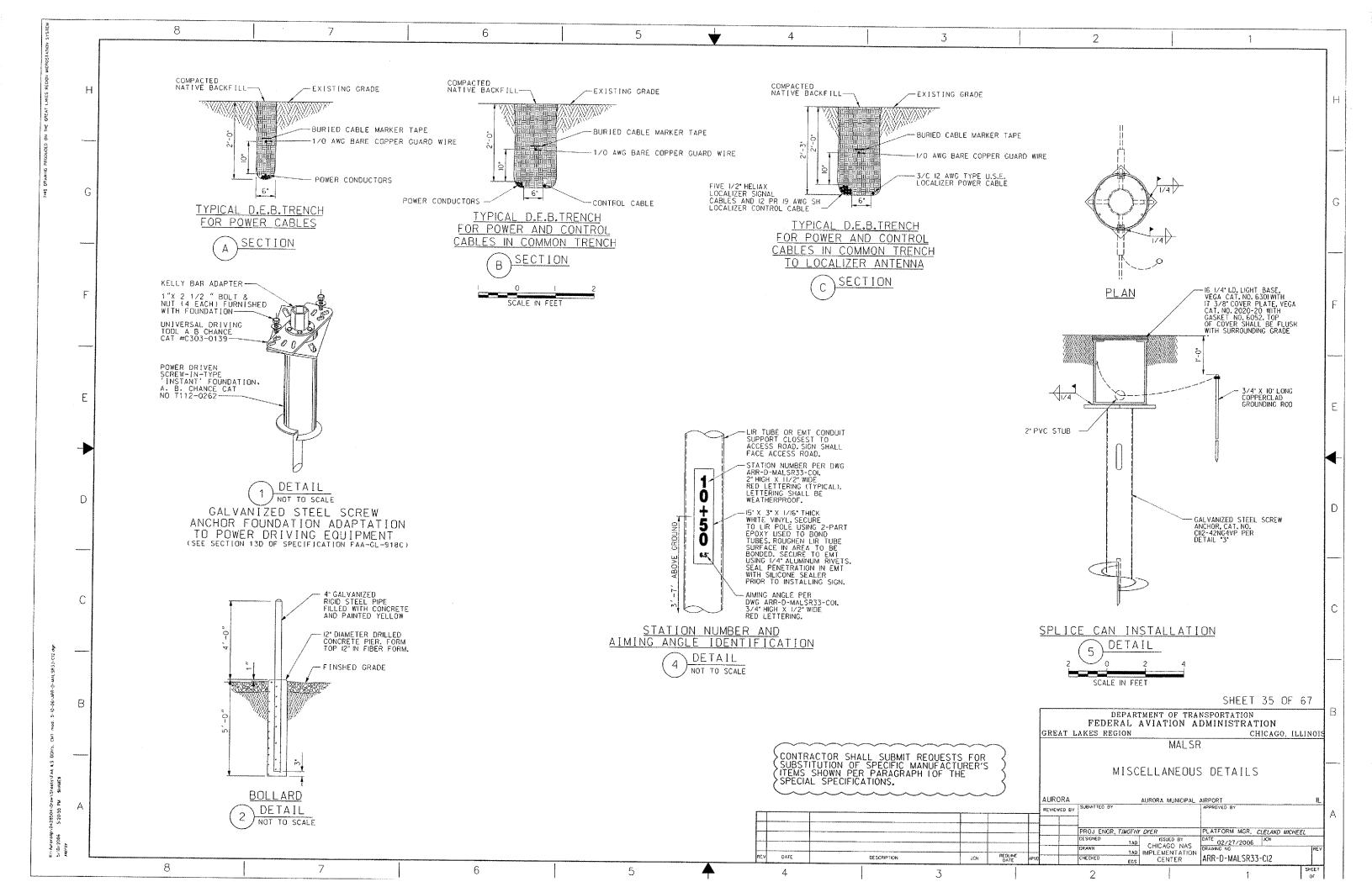


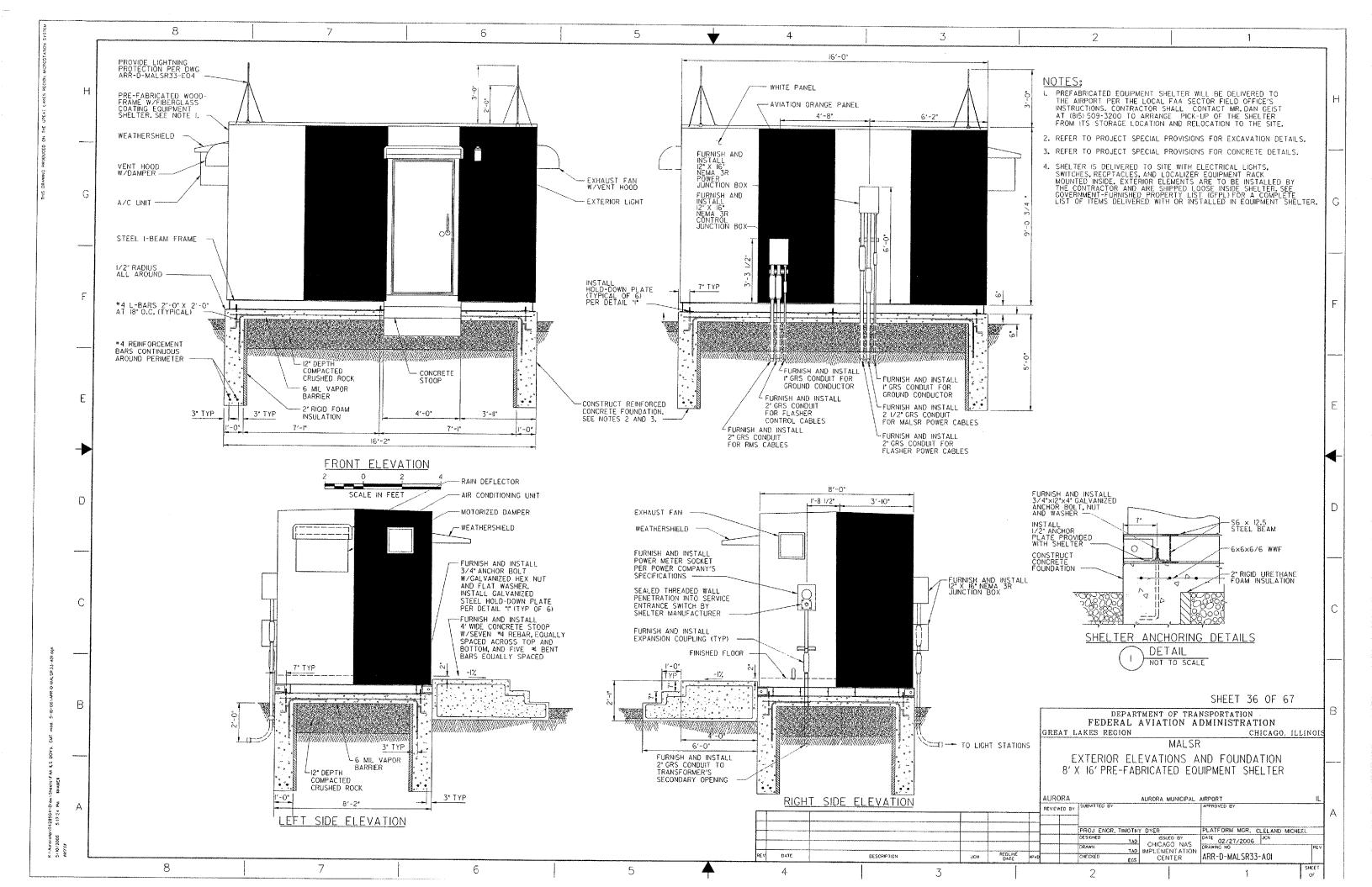


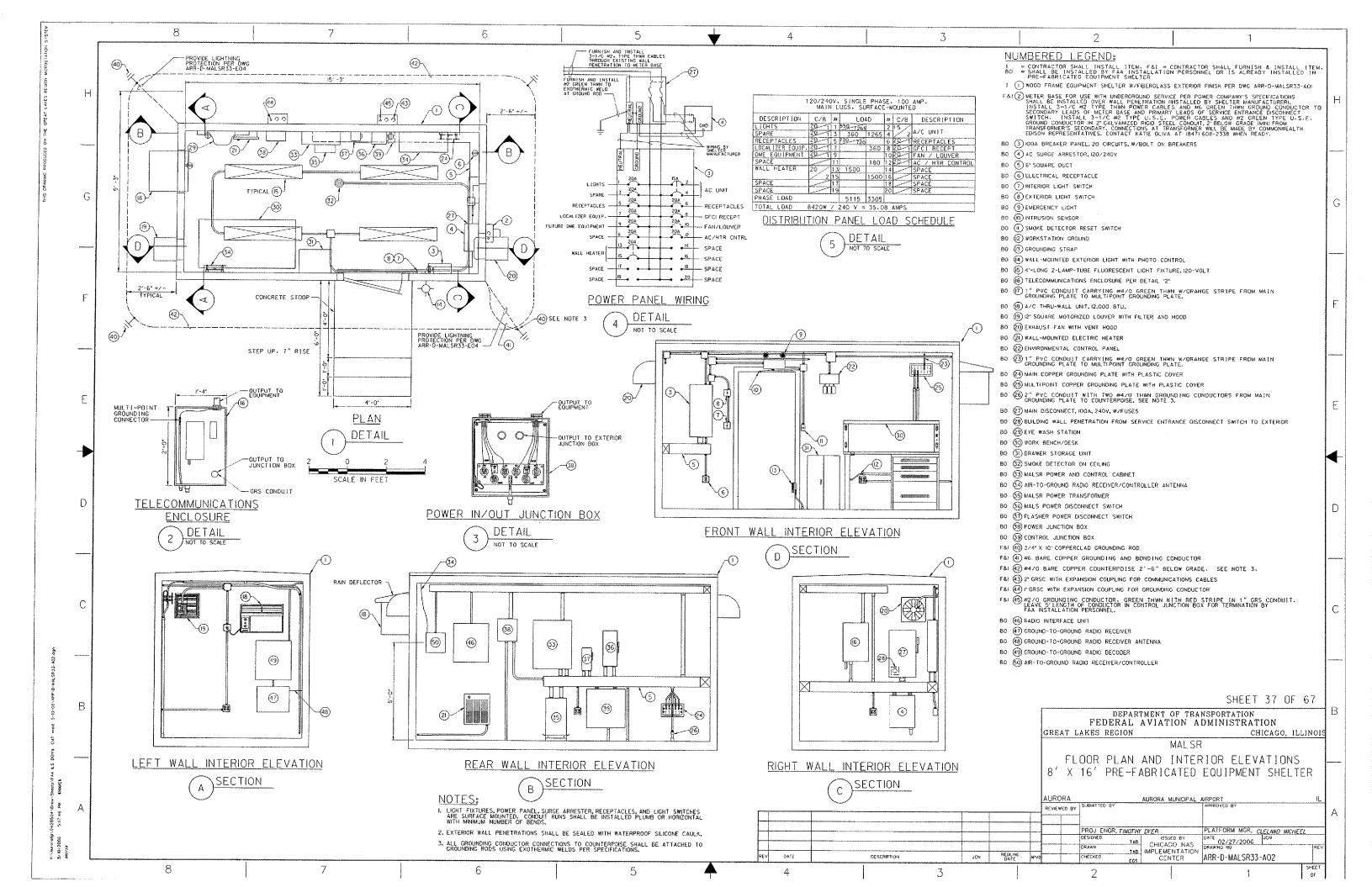


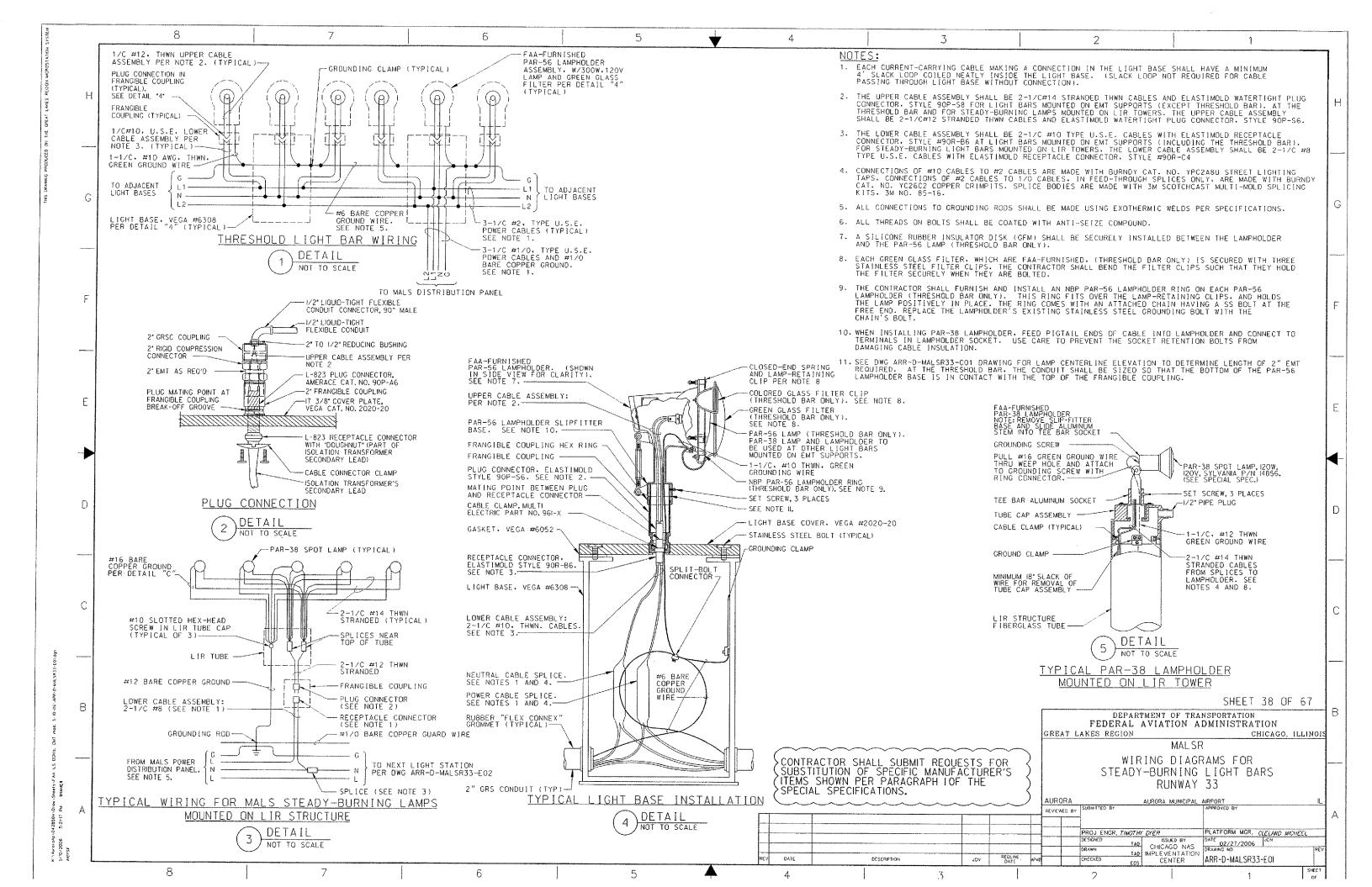


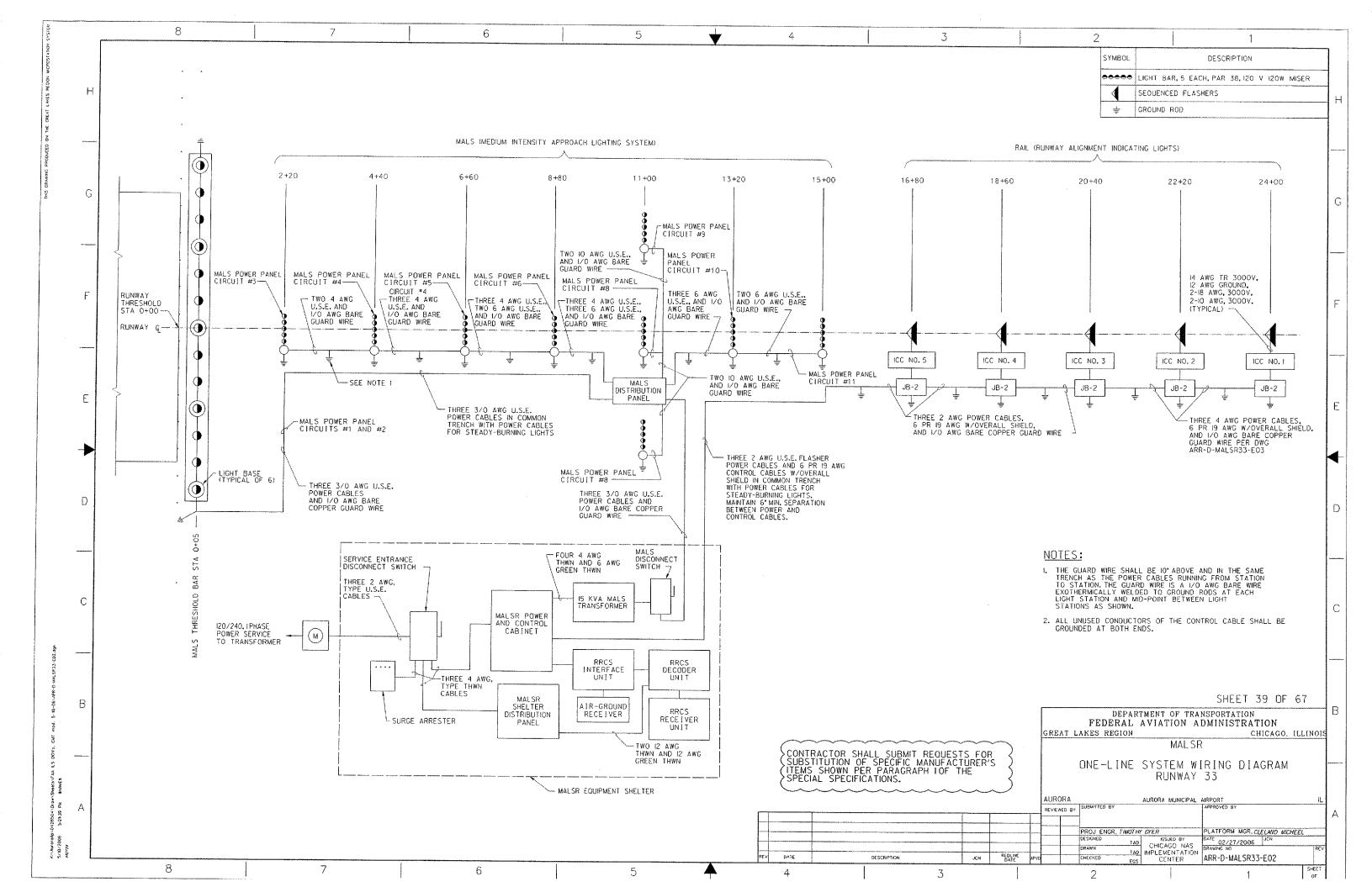


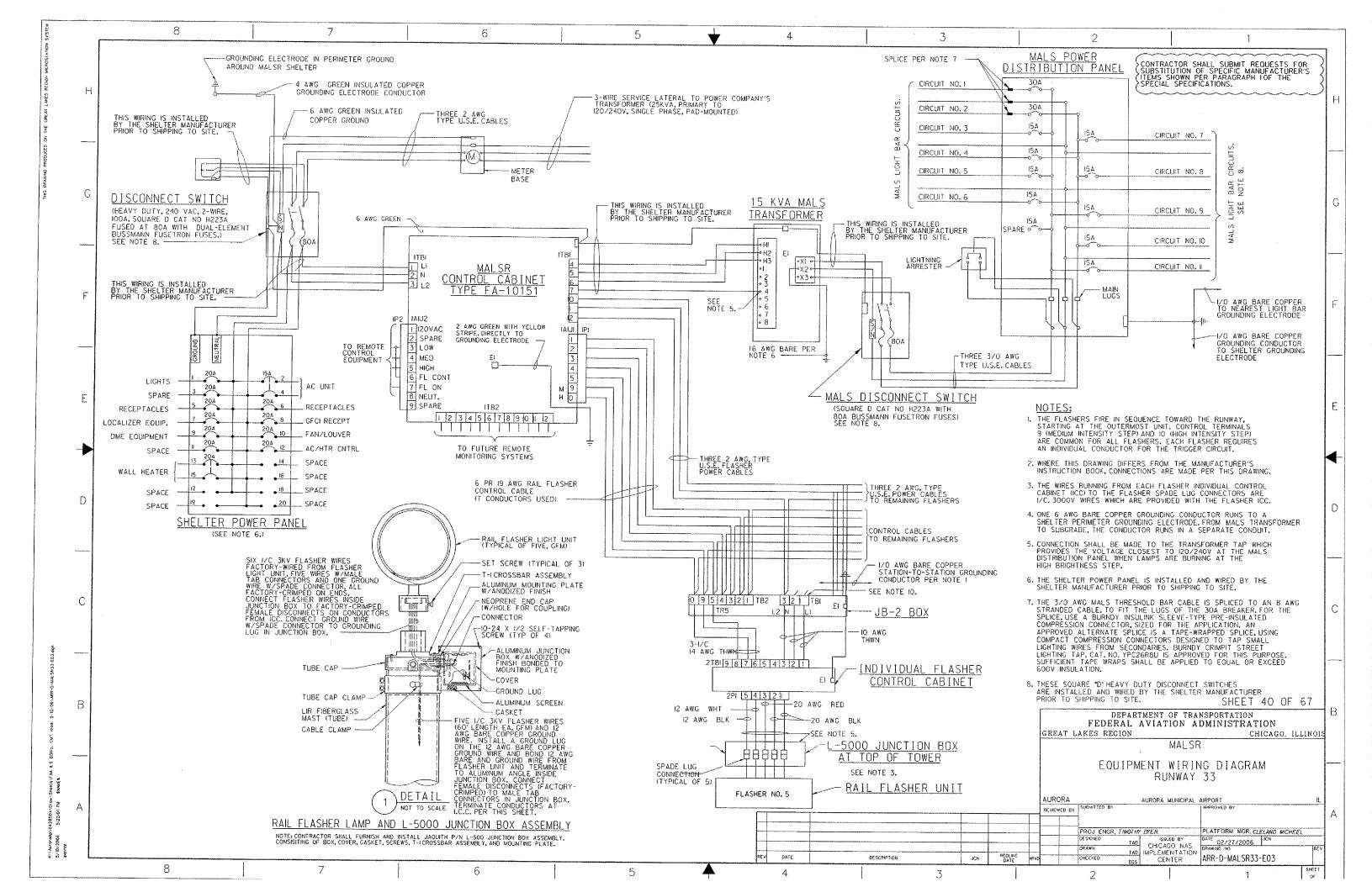


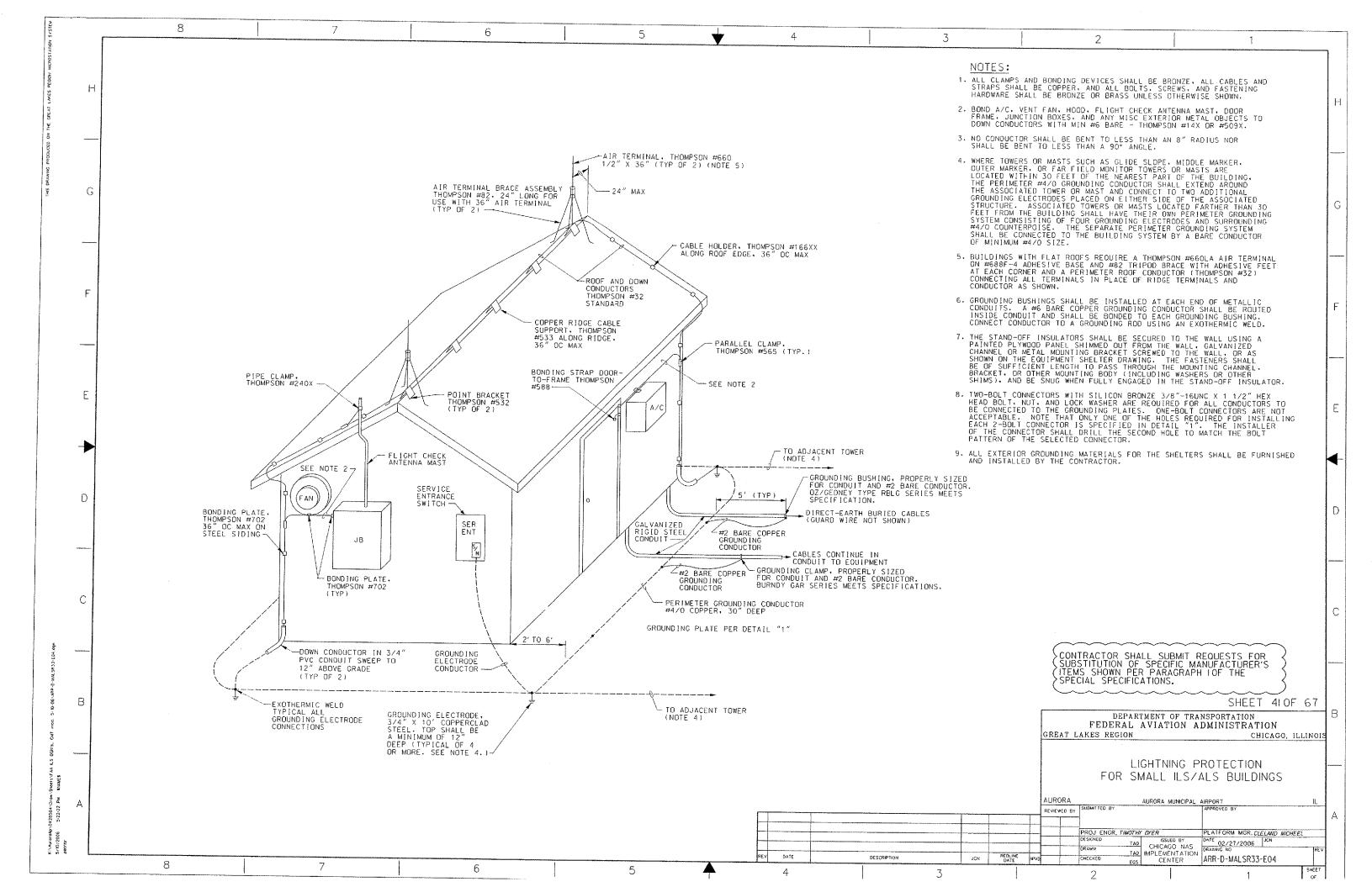


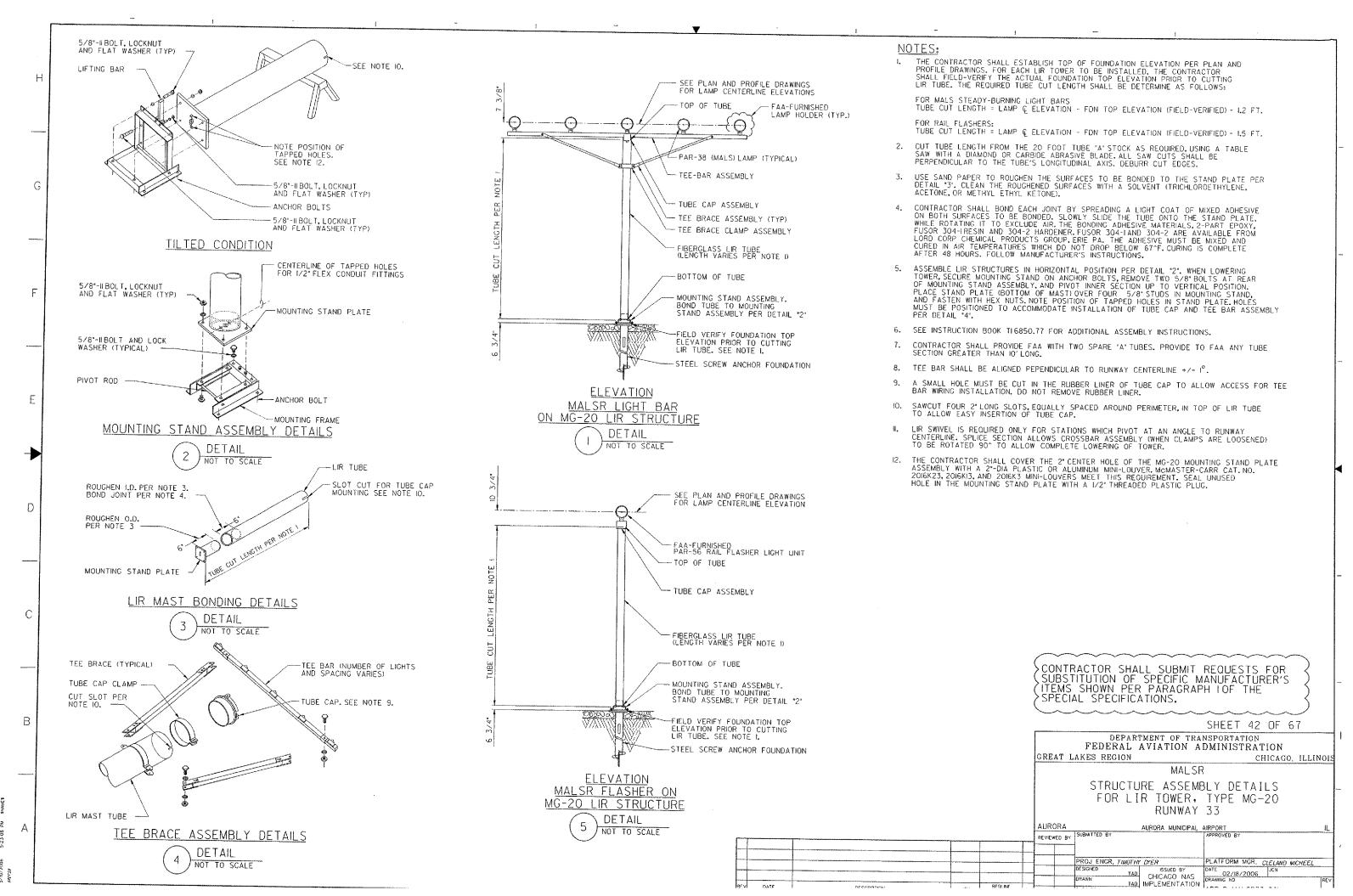




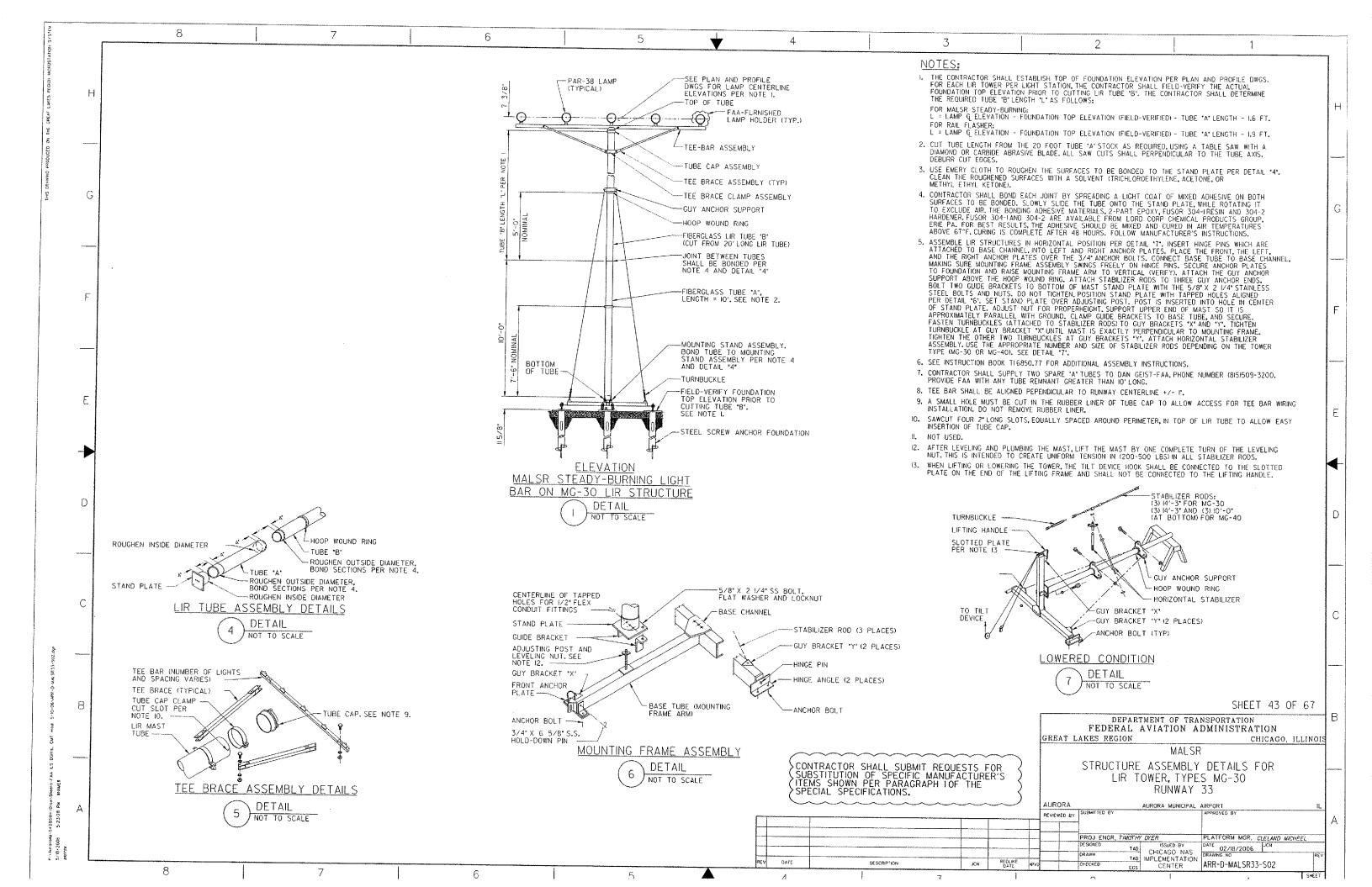


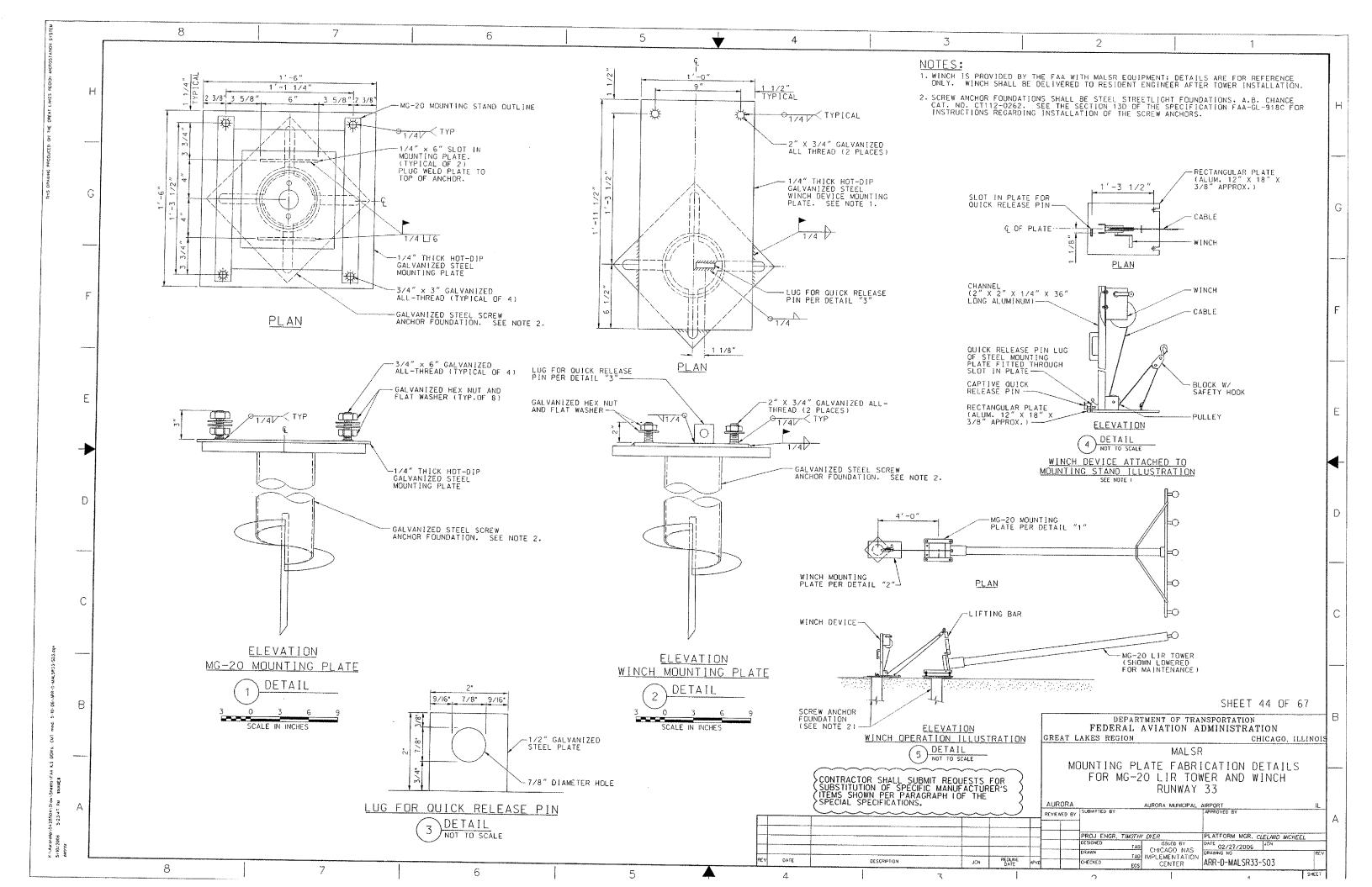


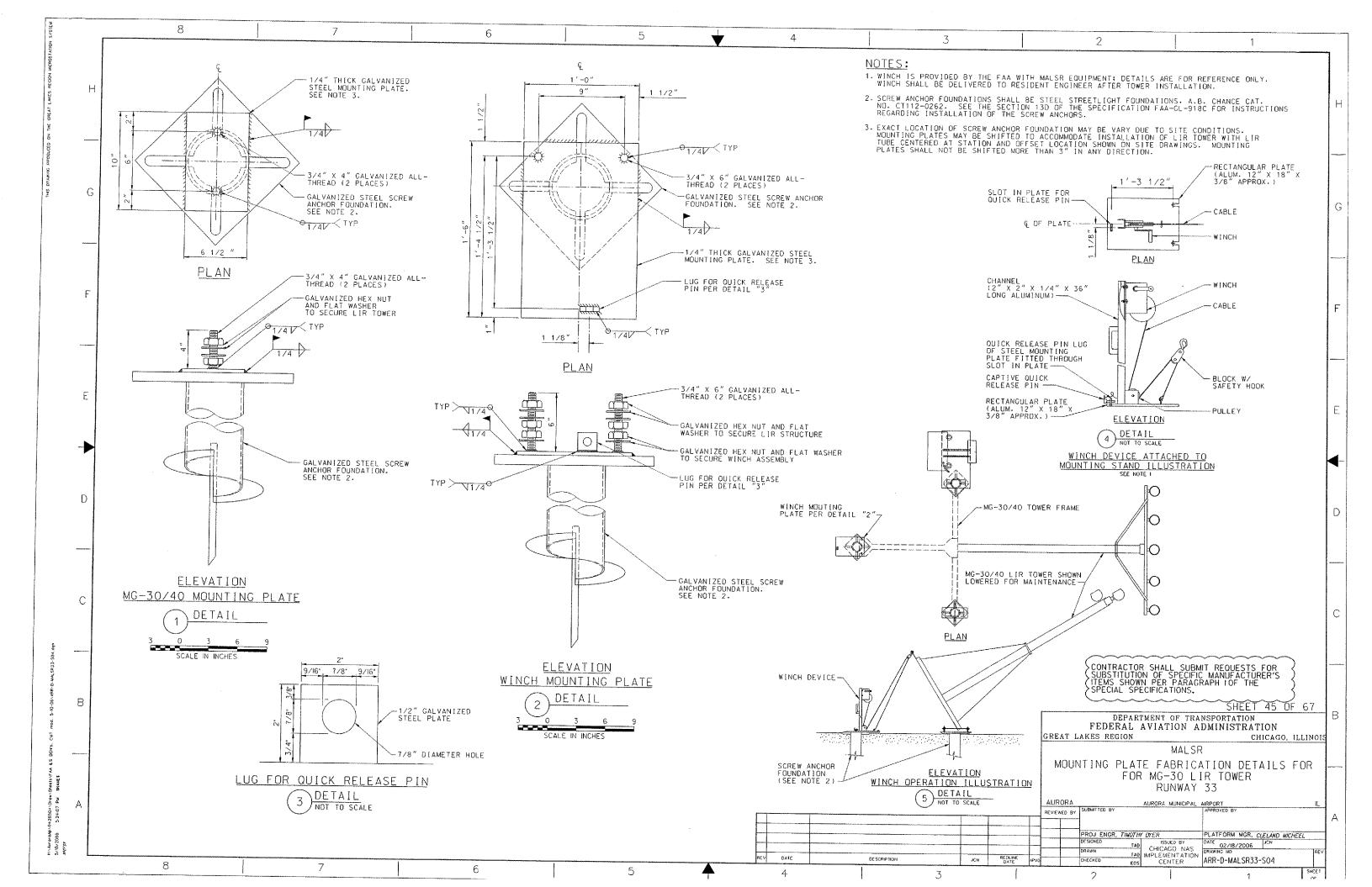


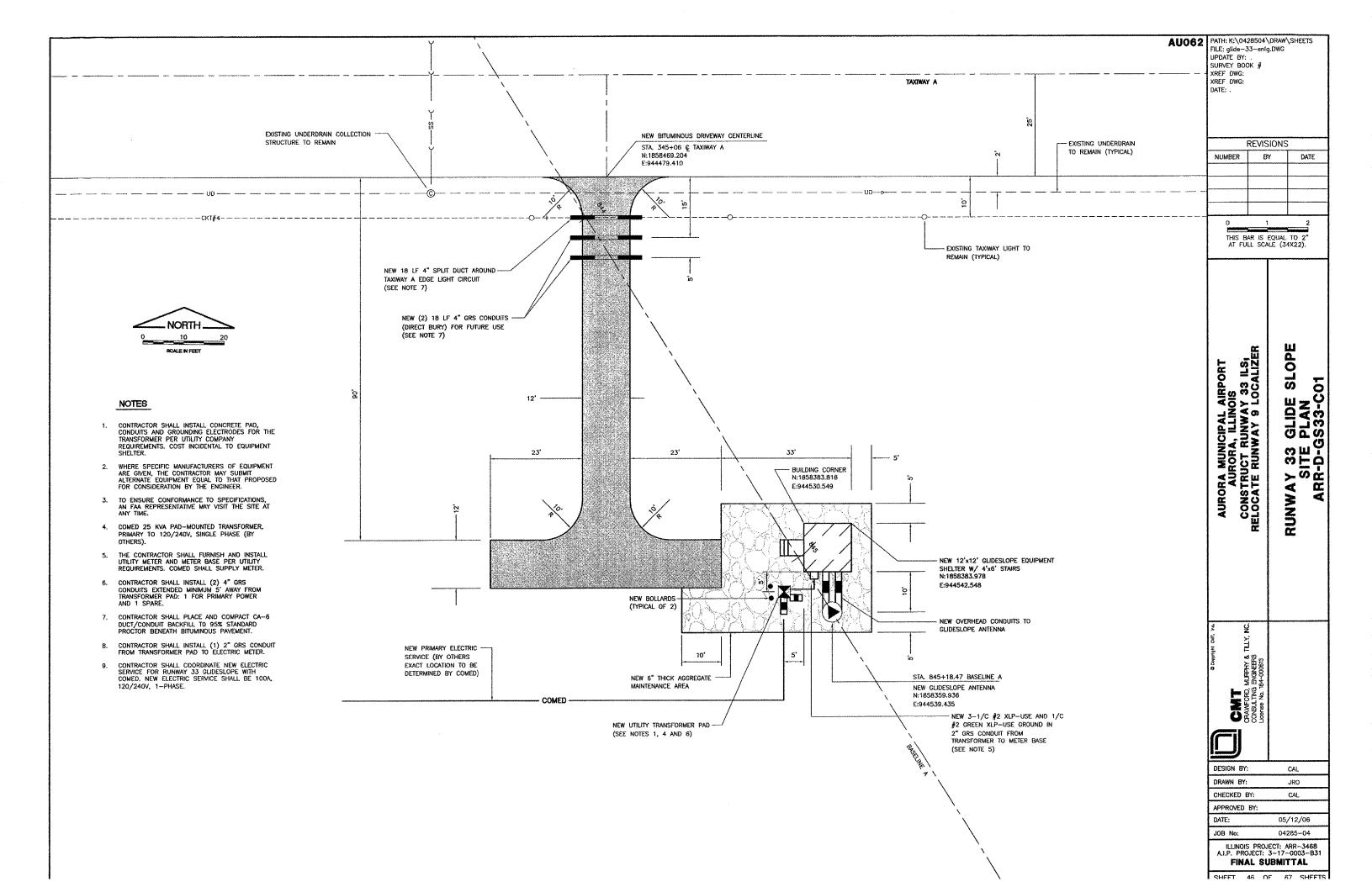


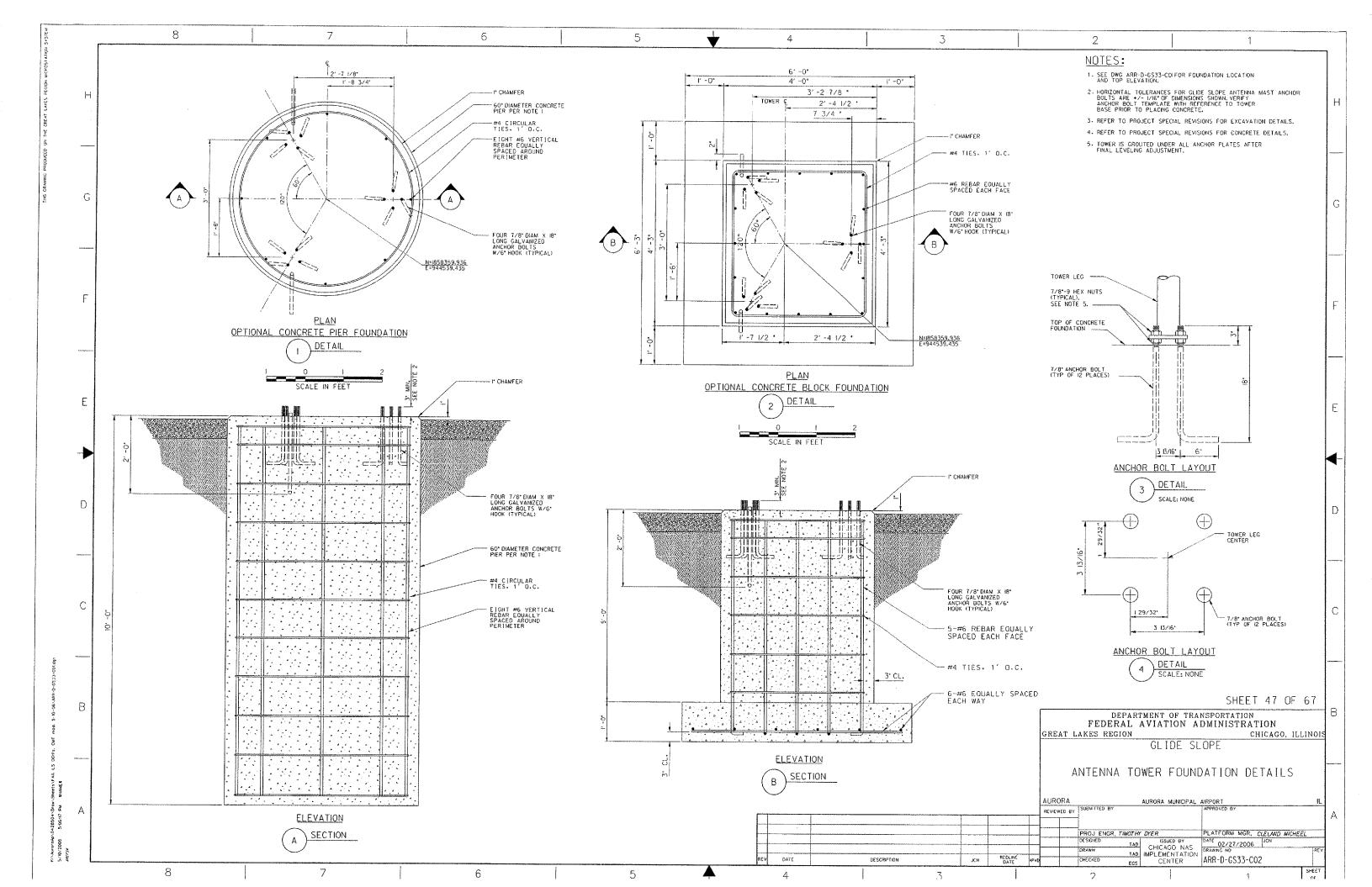
moroAp1042850410row1Sheets\FAA (LS DGN's, CMT mod. 5-10-06)

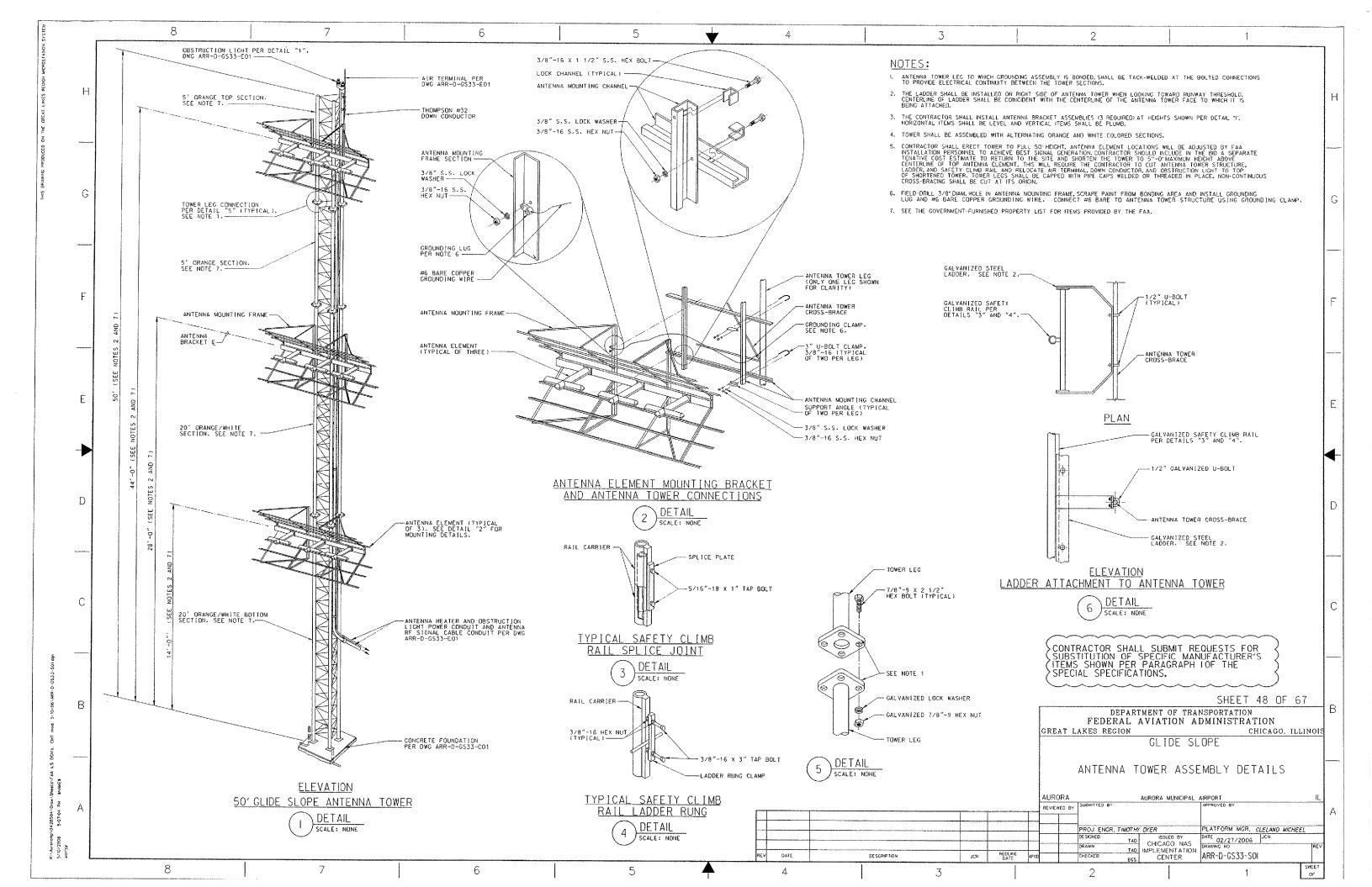


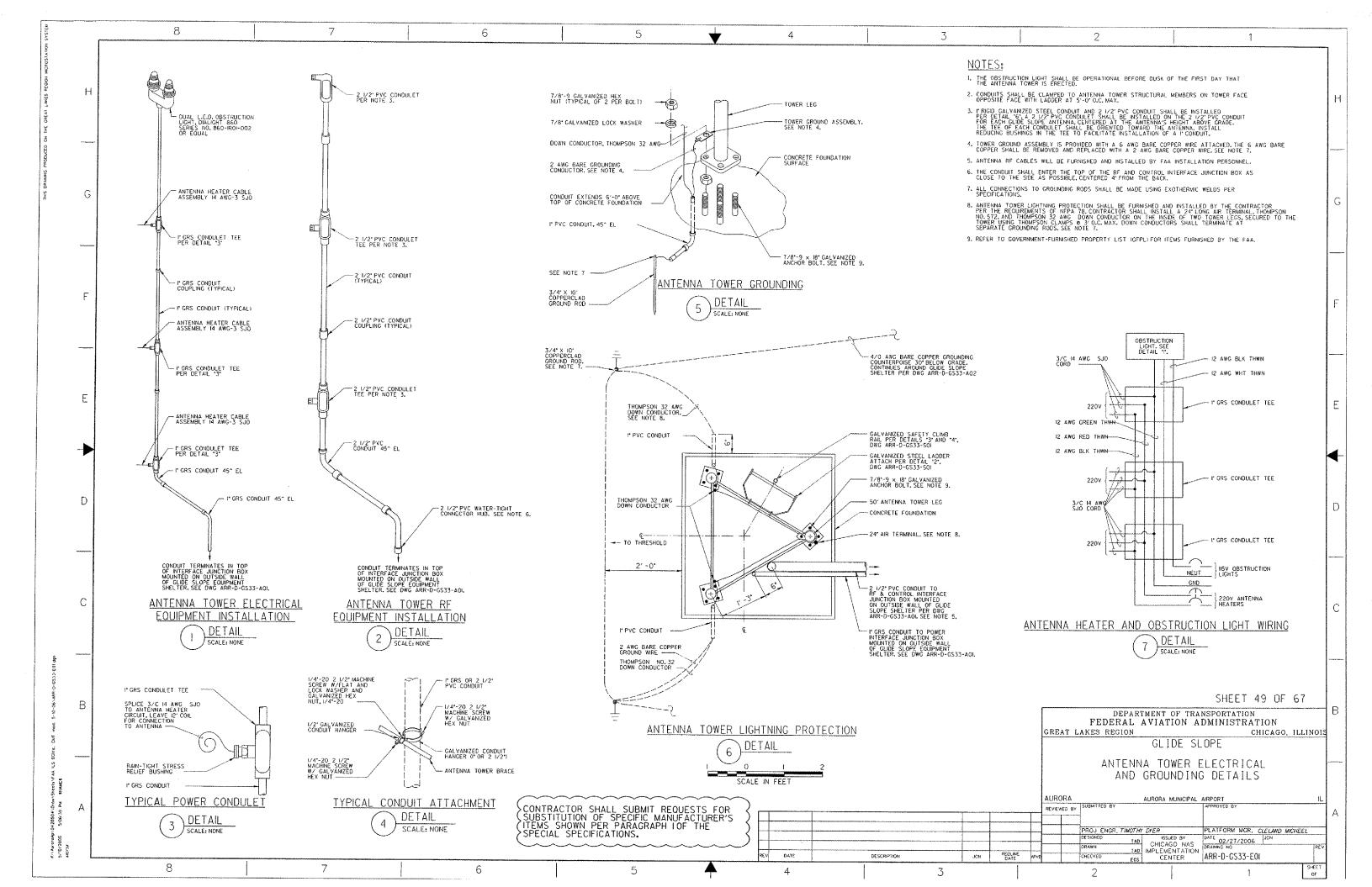


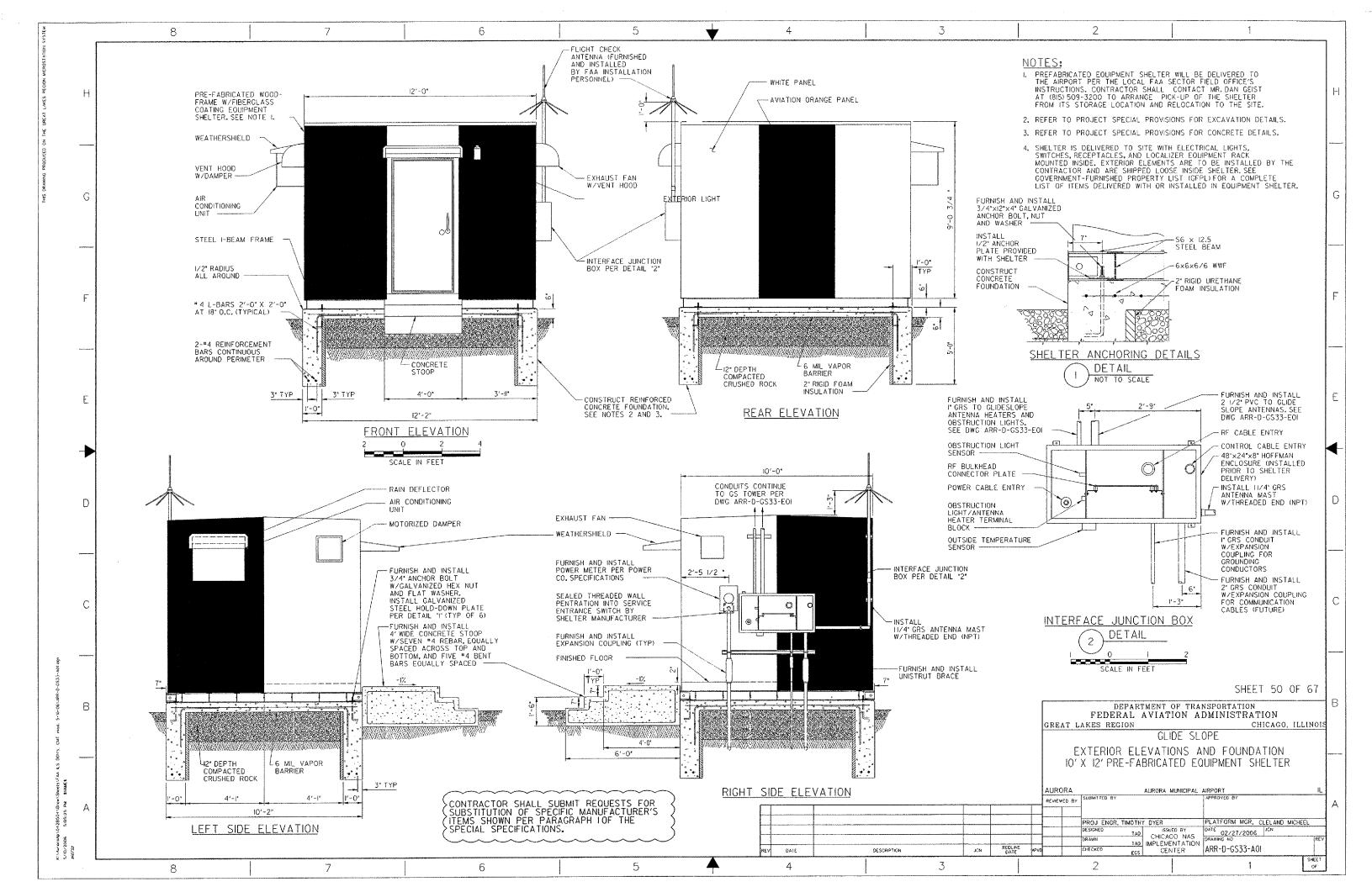


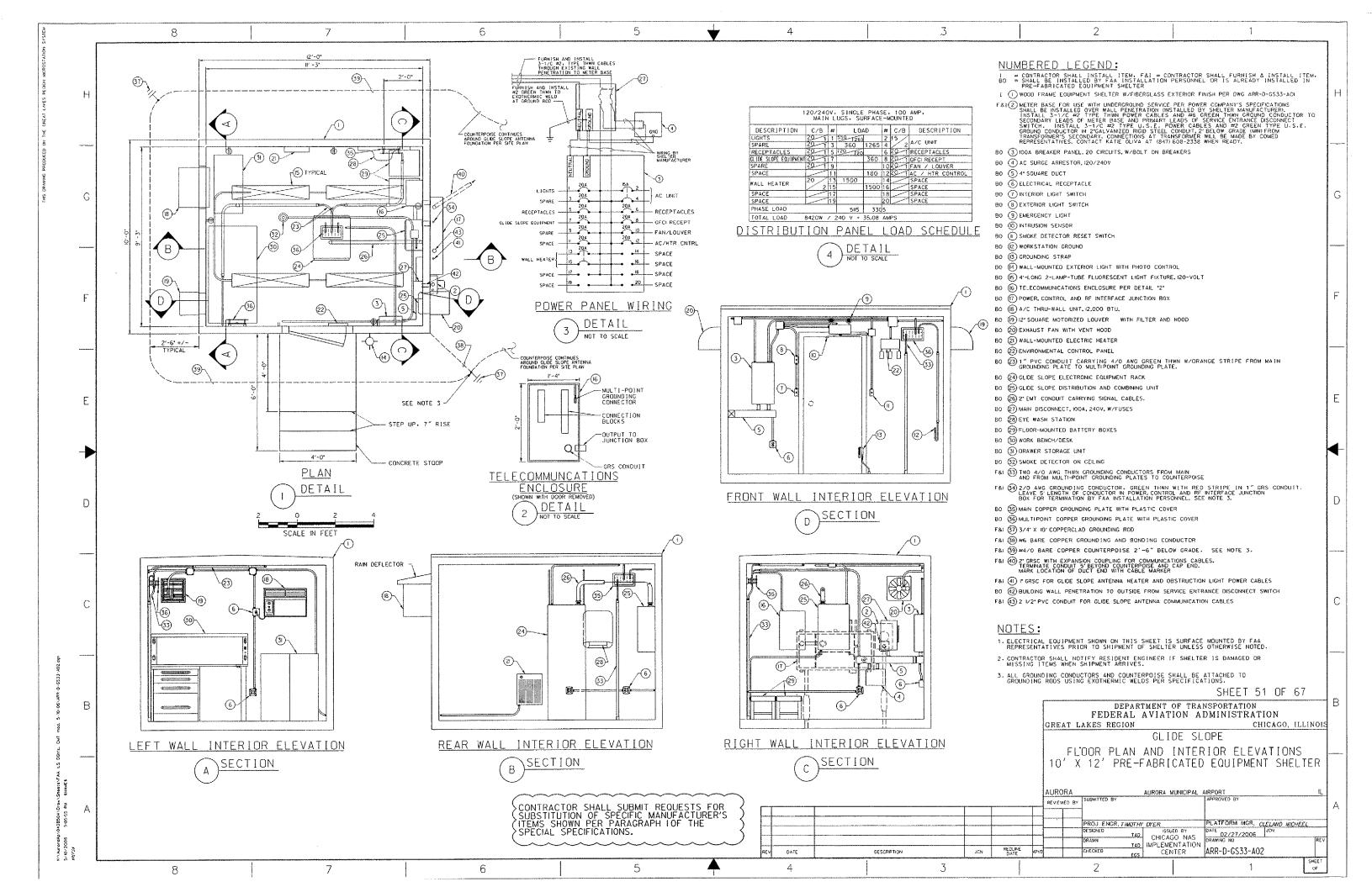


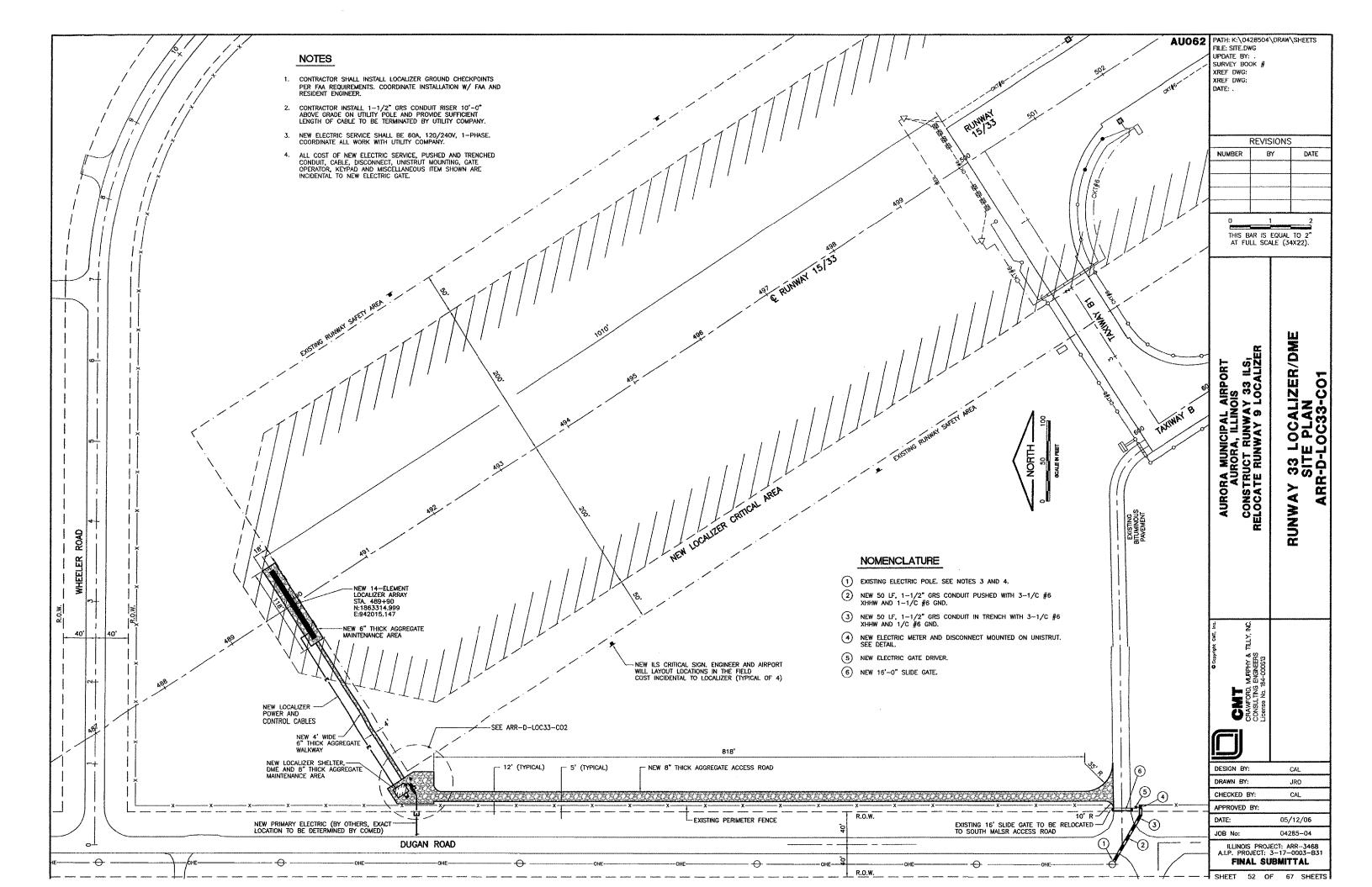


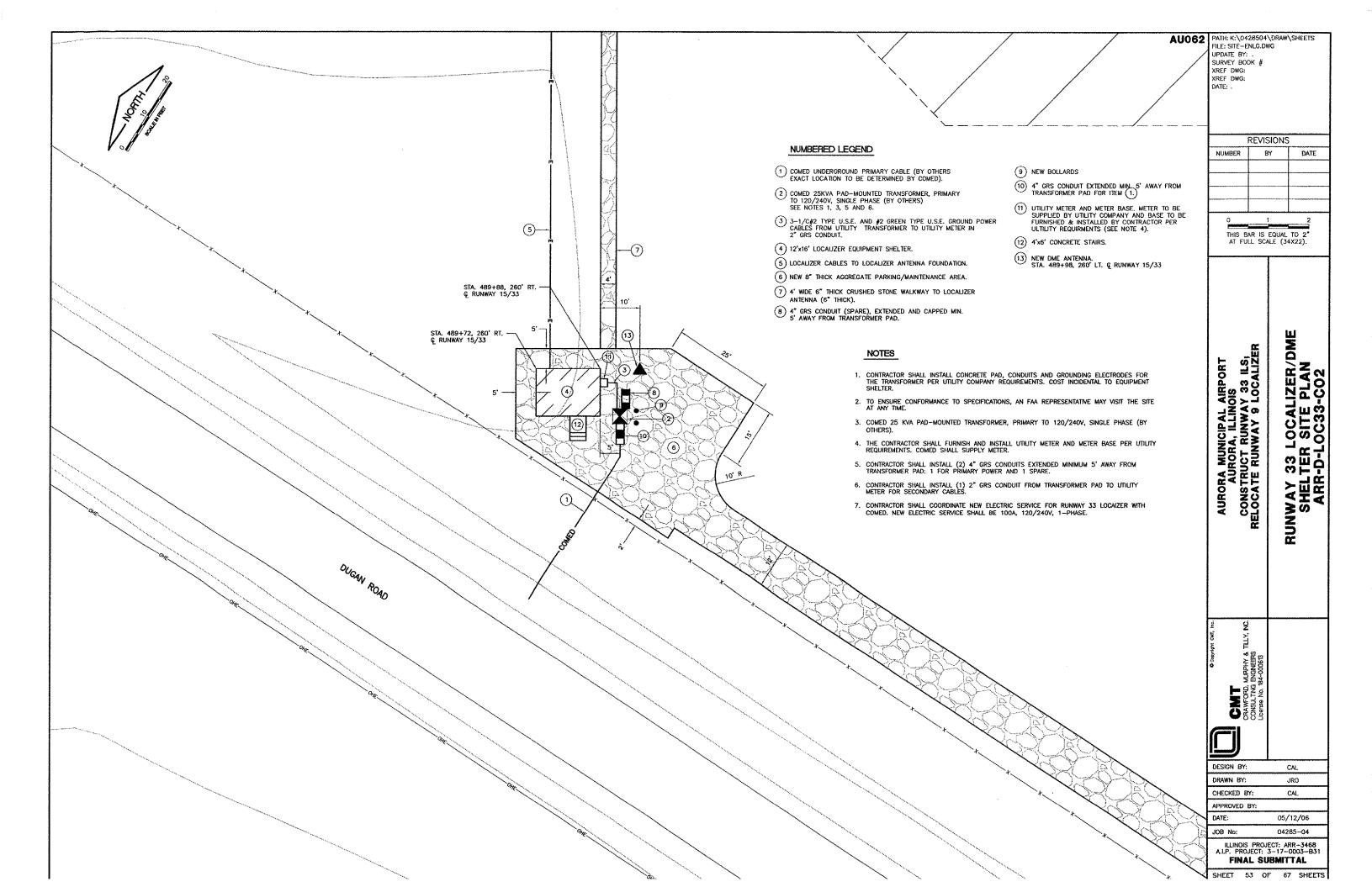


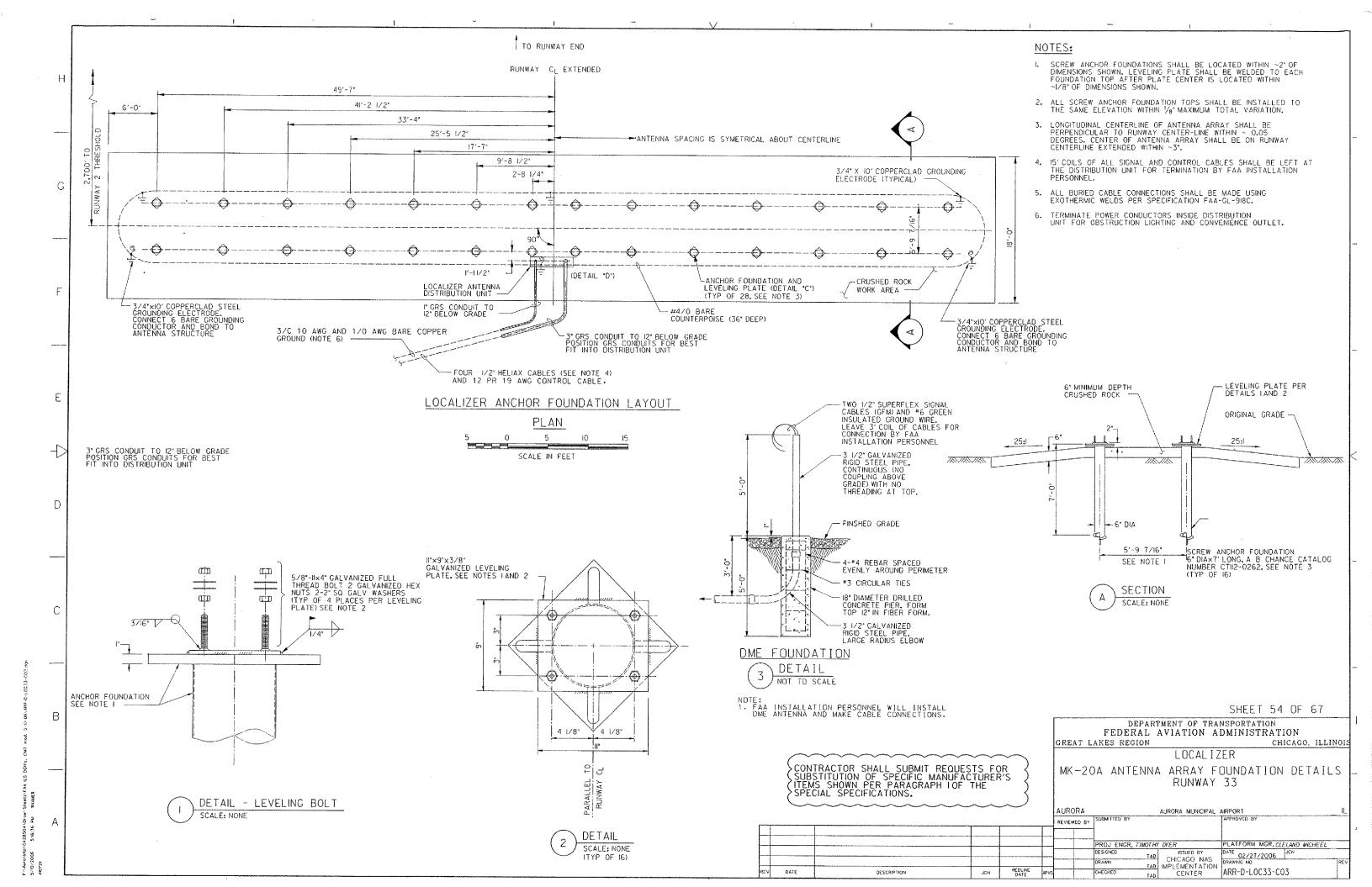


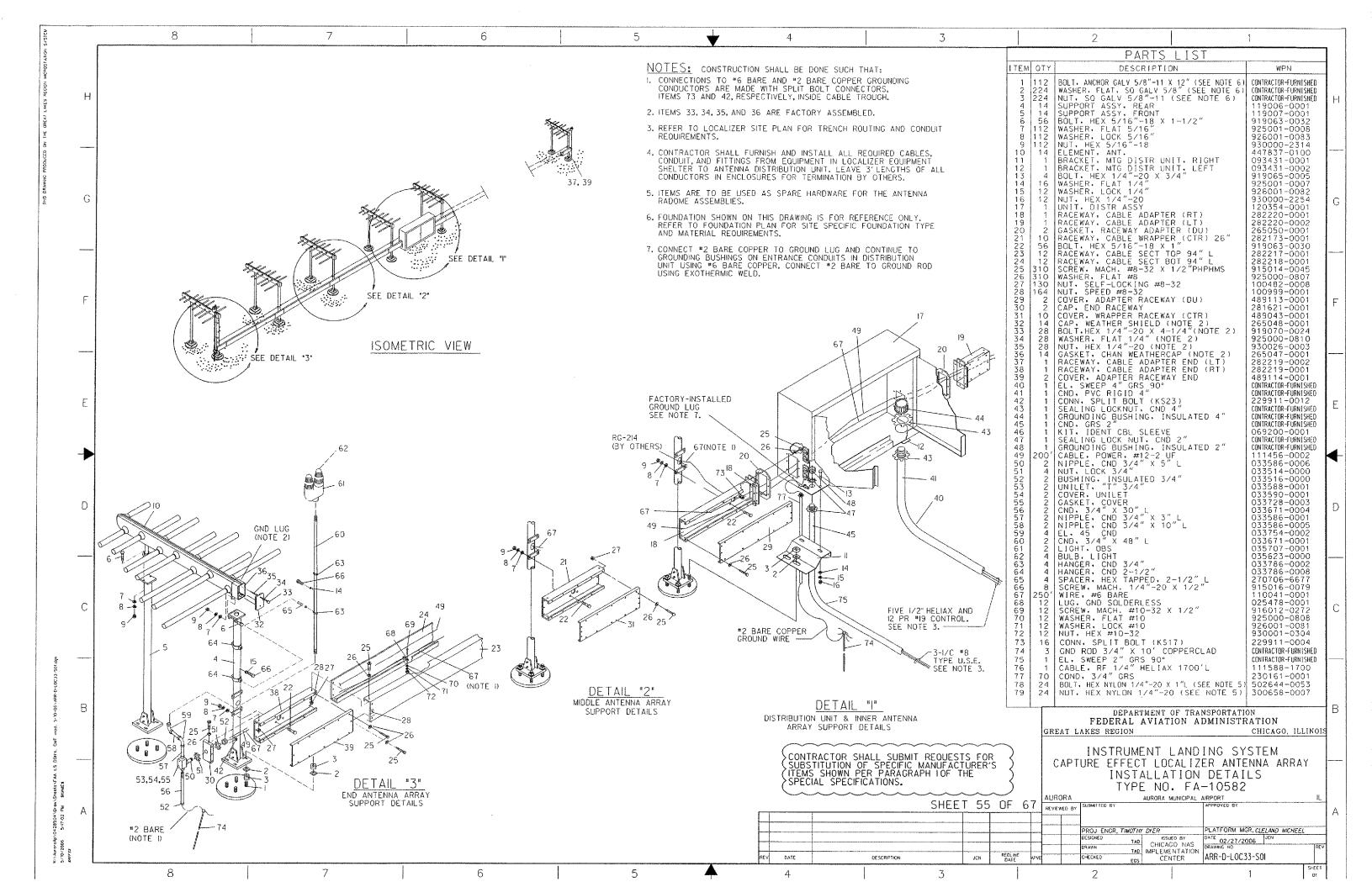


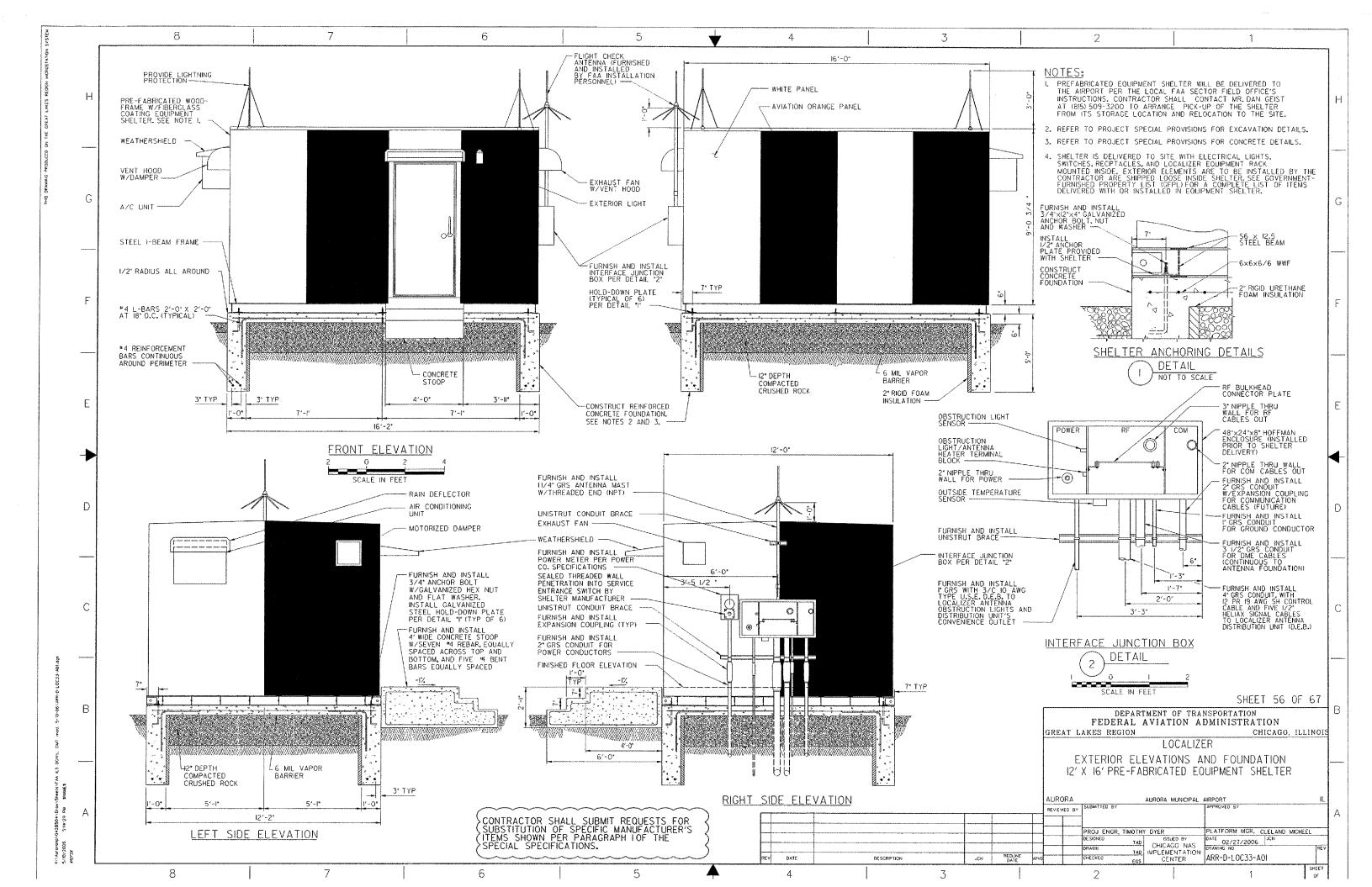


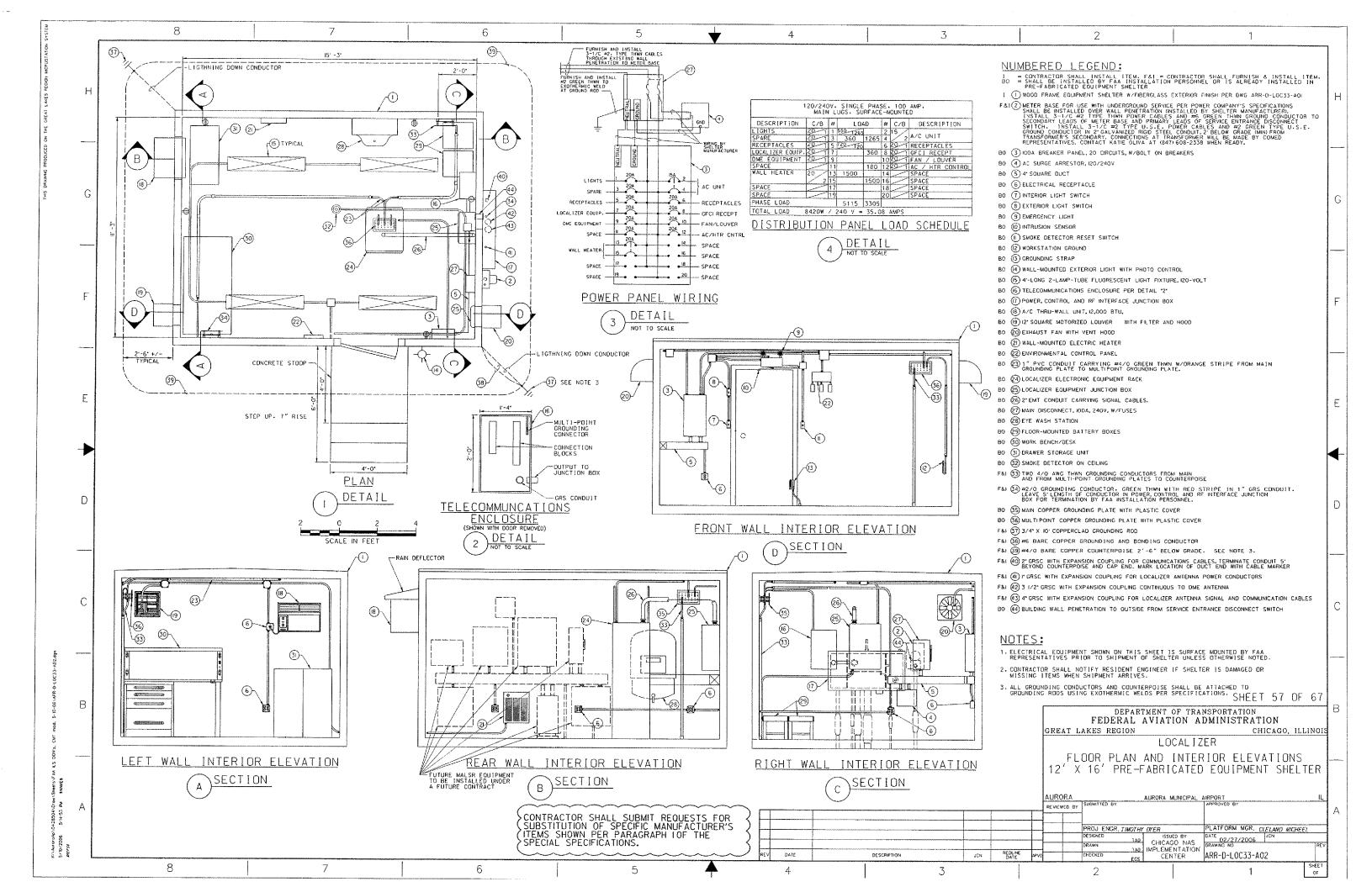


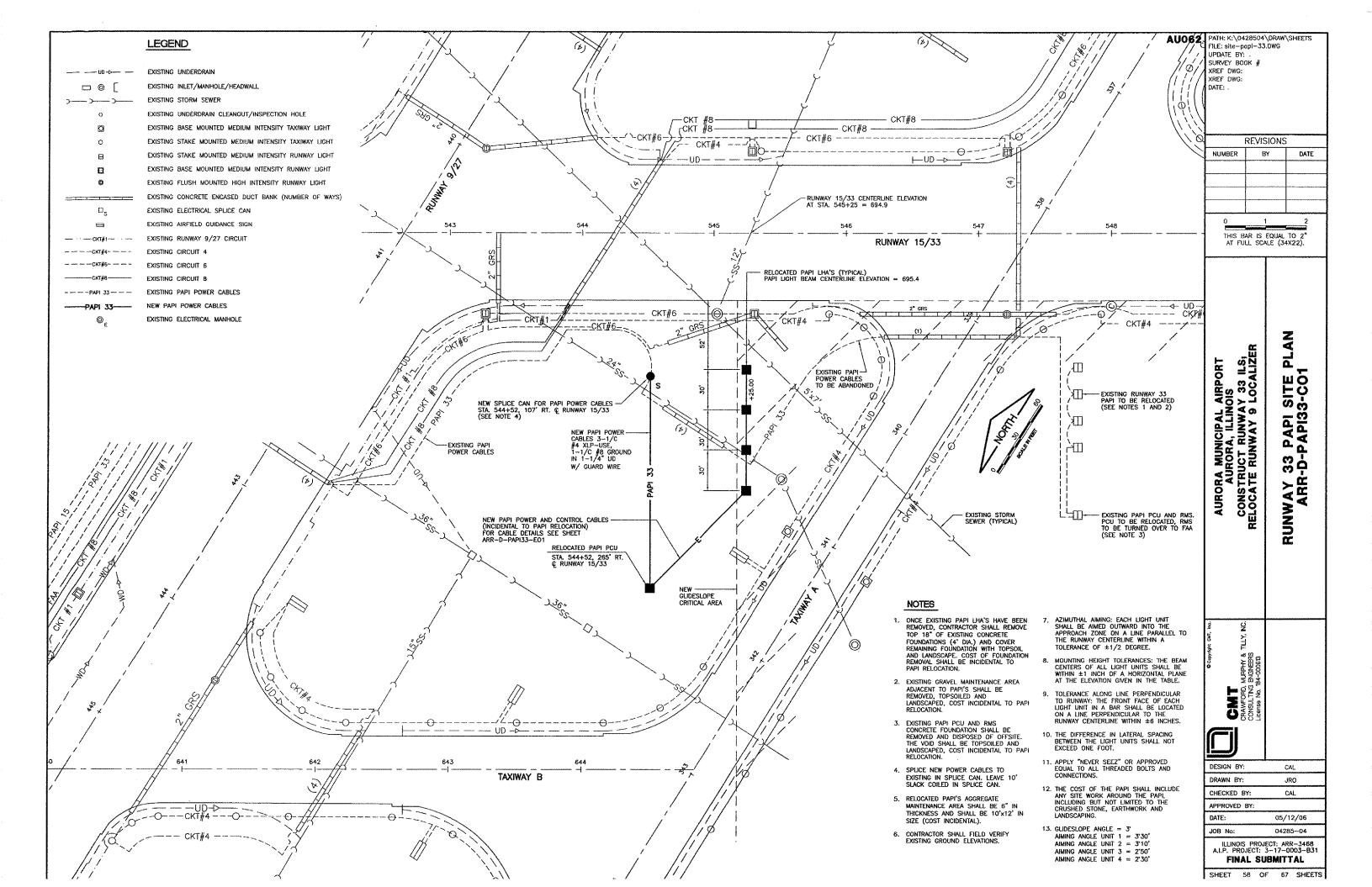


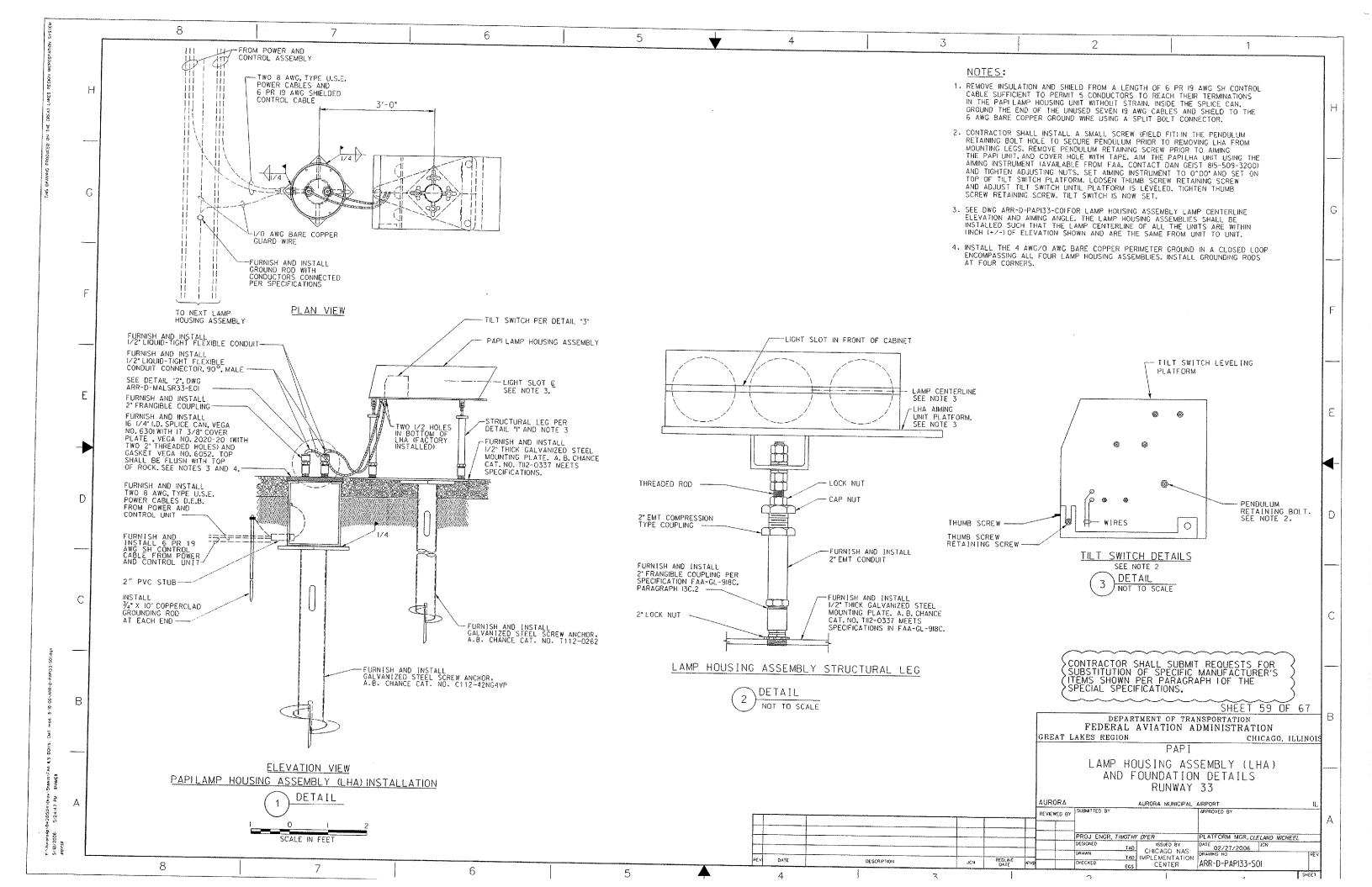


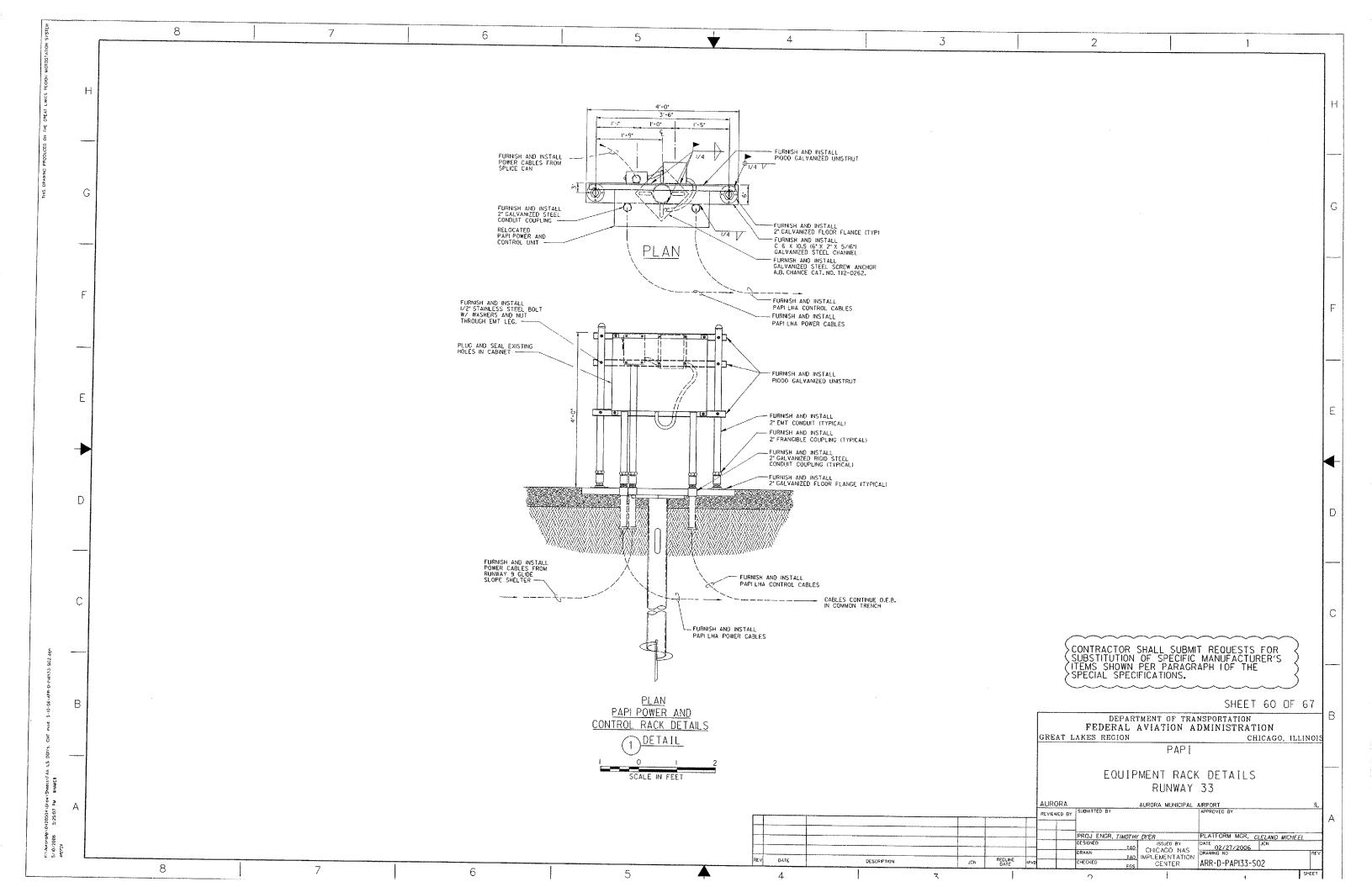


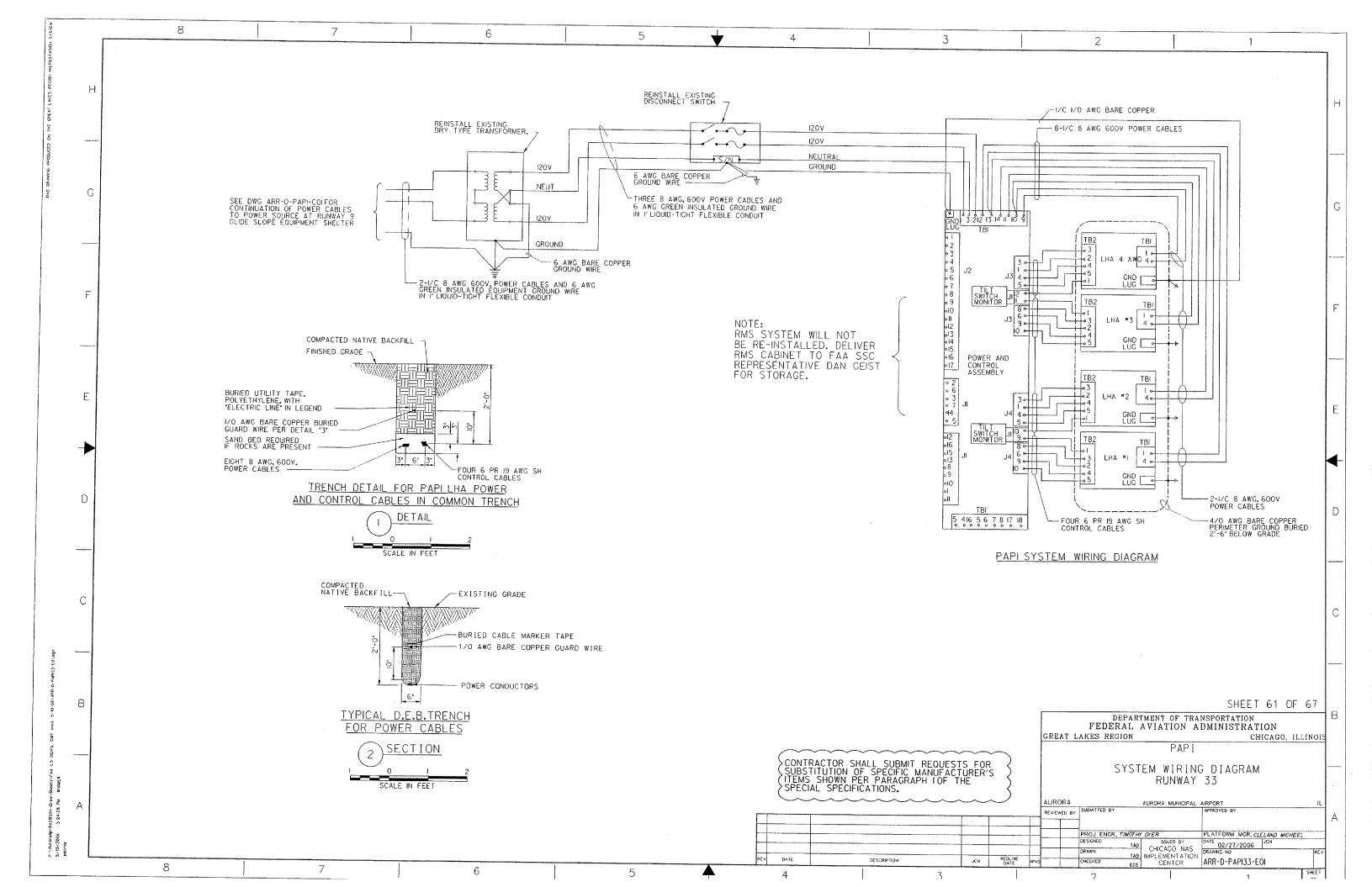


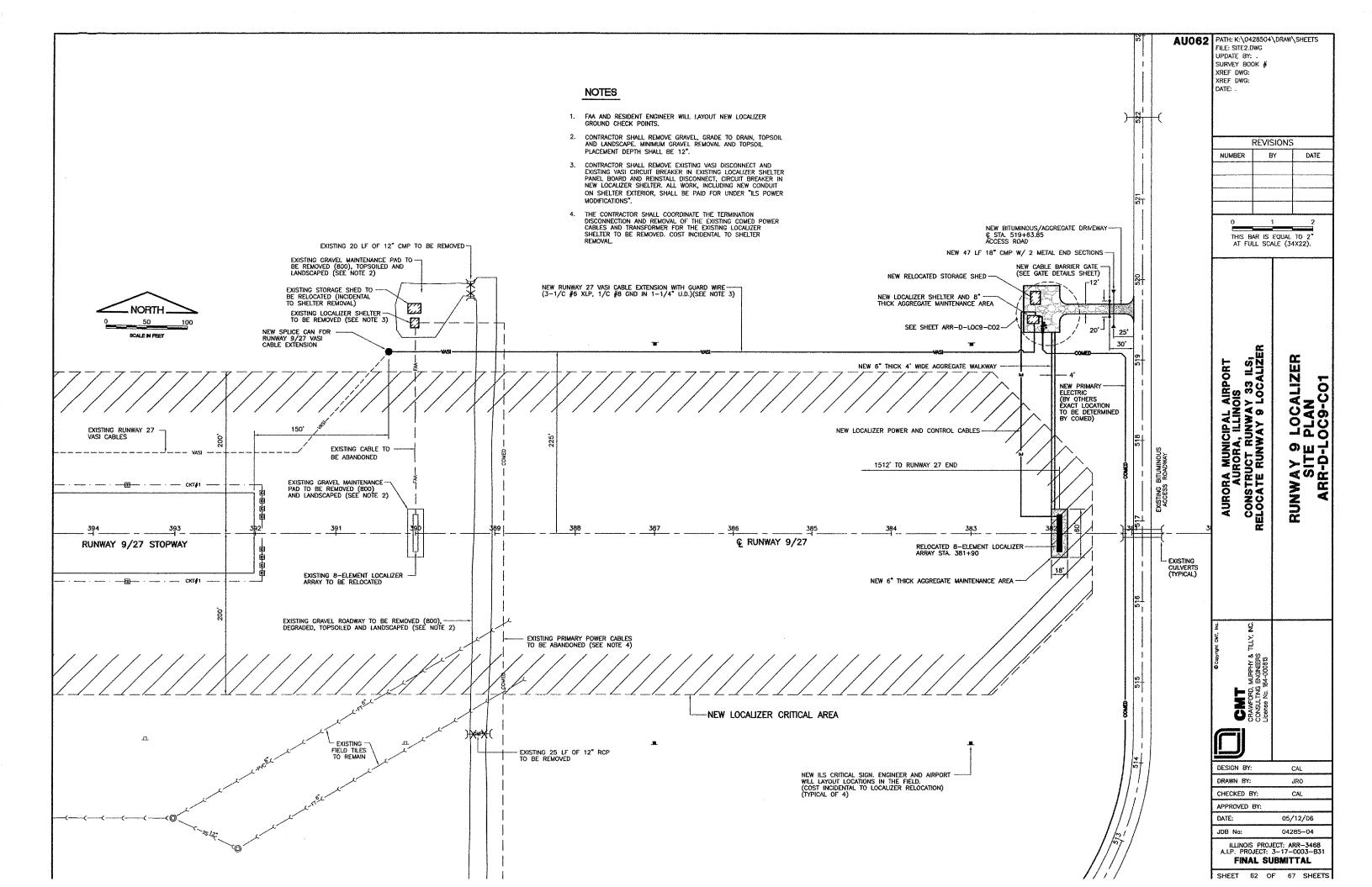












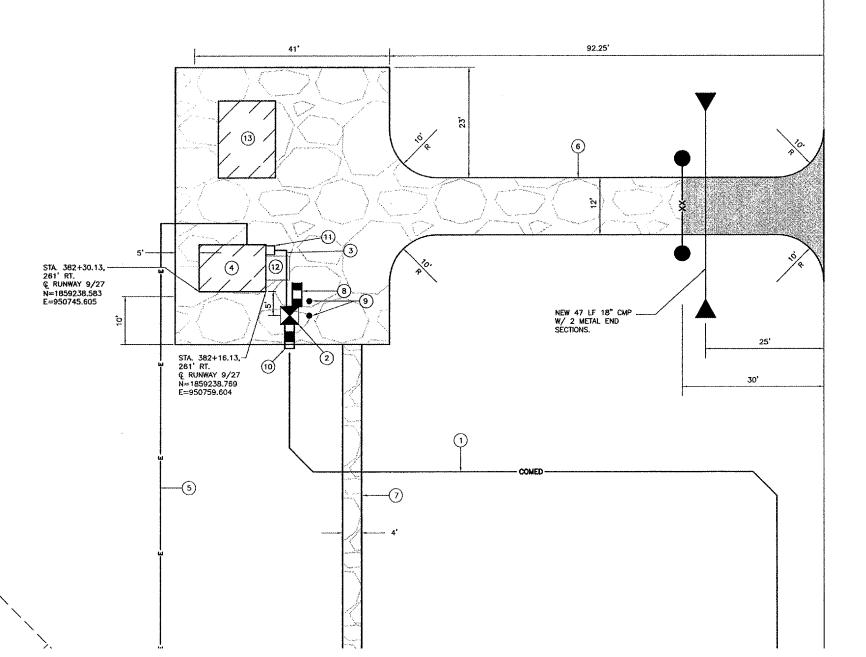
NUMBERED LEGEND

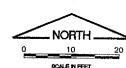
- OMED UNDERCROUND PRIMARY CABLE (BY OTHERS EXACT LOCATION TO BE DETERMINED BY COMED).
- (2) COMED 25KVA PAD-MOUNTED TRANSFORMER, PRIMARY TO 120/240V, SINGLE PHASE (BY OTHERS) SEE NOTES 1, 4, 6 AND 7.
- 3 3-1/C#2 TYPE U.S.E. AND #2 GREEN TYPE U.S.E. POWER CABLES IN 2" GRS CONDUIT FROM UTILITY TRANSFORMER TO UTILITY METER.
- (4) 10'x14' LOCALIZER EQUIPMENT SHELTER.
- (5) LOCALIZER CABLES TO LOCALIZER ANTENNA FOUNDATION.
- (6) NEW BITUMINOUS/AGGREGATE (8" THICK) ACCESS ROAD/TURNAROUND AREA.
- 7 4' WIDE CRUSHED STONE WALKWAY TO LOCALIZER ANTENNA (6" THICK).
- B 4" GRS CONDUIT (SPARE), EXTENDED AND CAPPED MIN. 5' AWAY FROM TRANSFORMER PAD.

- (9) NEW BOLLARD
- 4" GRS CONDUIT EXTENDED MIN. 5' AWAY FROM TRANSFORMER PAD FOR ITEM (1.)
- (11) UTILITY METER AND METER BASE. METER TO BE SUPPLIED BY UTILITY COMPANY AND BASE TO BE FURNISHED & INSTALLED BY CONTRACTOR PER ULTILITY REQUIRMENTS.
- (12) 4'x4'x8" CONCRETE PAD.
- 13) RELOCATED 12'x16' STORAGE SHED

NOTES

- CONTRACTOR SHALL INSTALL CONCRETE PAD, CONDUITS AND GROUNDING ELECTRODES FOR THE TRANSFORMER PER UTILITY COMPANY REQUIREMENTS, COST INCIDENTAL TO EQUIPMENT SHELTER.
- WHERE SPECIFIC MANUFACTURERS OF EQUIPMENT ARE GIVEN. THE CONTRACTOR MAY SUBMIT ALTERNATE EQUIPMENT EQUAL TO THAT PROPOSED FOR CONSIDERATION BY THE ENGINEER.
- TO ENSURE CONFORMANCE TO SPECIFICATIONS, AN FAA REPRESENTATIVE MAY VISIT THE SITE AT ANY TIME.
- COMED 25 KYA PAD-MOUNTED TRANSFORMER, PRIMARY TO 120/240V, SINGLE PHASE (BY OTHERS)
- THE CONTRACTOR SHALL FURNISH AND INSTALL UTILITY METER AND METER BASE PER UTILITY REQUIREMENTS. COMED SHALL SUPPLY METER.
- CONTRACTOR SHALL INSTALL (2) 4" GRS
 CONDUITS EXTENDED MINIMUM 5' AWAY FROM
 TRANSFORMER PAD: 1 FOR PRIMARY POWER AND
 1 SPARE.
- CONTRACTOR SHALL INSTALL (1) 2" GRS CONDUIT FROM TRANSFORMER PAD TO UTILITY METER FOR SECONDARY CABLES.
- CONTRACTOR SHALL COORDINATE NEW ELECTRIC SERVICE FOR RELOCATED RUNWAY 9 LOCALIZER WITH COMED. NEW ELECTRIC SERVICE SHALL BE 100A. 120/240V, 1-PHASE.





AU062 PATH: K:\0428504\DRAW\SHEETS FILE: SITE2-ENLG.DWG UPDATE BY: .
SURVEY BOOK #
XREF DWG:
XREF DWG:
DATE: .

REVISIONS

NUMBER BY DATE

THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

AURORA MUNICIPAL AIRPORT
AURORA, ILLINOIS
CONSTRUCT RUNWAY 33 ILS,
RELOCATE RUNWAY 9 LOCALIZER
RUNWAY 9 LOCALIZER
SHELTER SITE PLAN
ARR-D-LOC9-CO2

CAMPOND, MARPHY & TILLY, NC. COASULTNS ENGNERS
License No. 184-000673

DESIGN BY: CAL
DRAWN BY: JRO
CHECKED BY: CAL
APPROVED BY:
DATE: 05/12/06

JOB No: 04285-04

ILLINOIS PROJECT: ARR-3468
A.I.P. PROJECT: 3-17-0003-B31

FINAL SUBMITTAL

SHEET 63 OF 67 SHEETS

