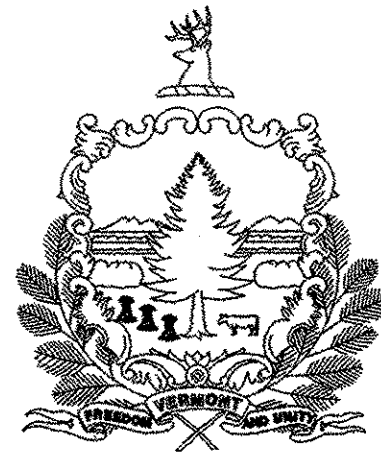


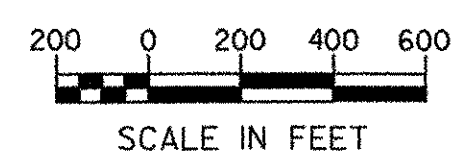
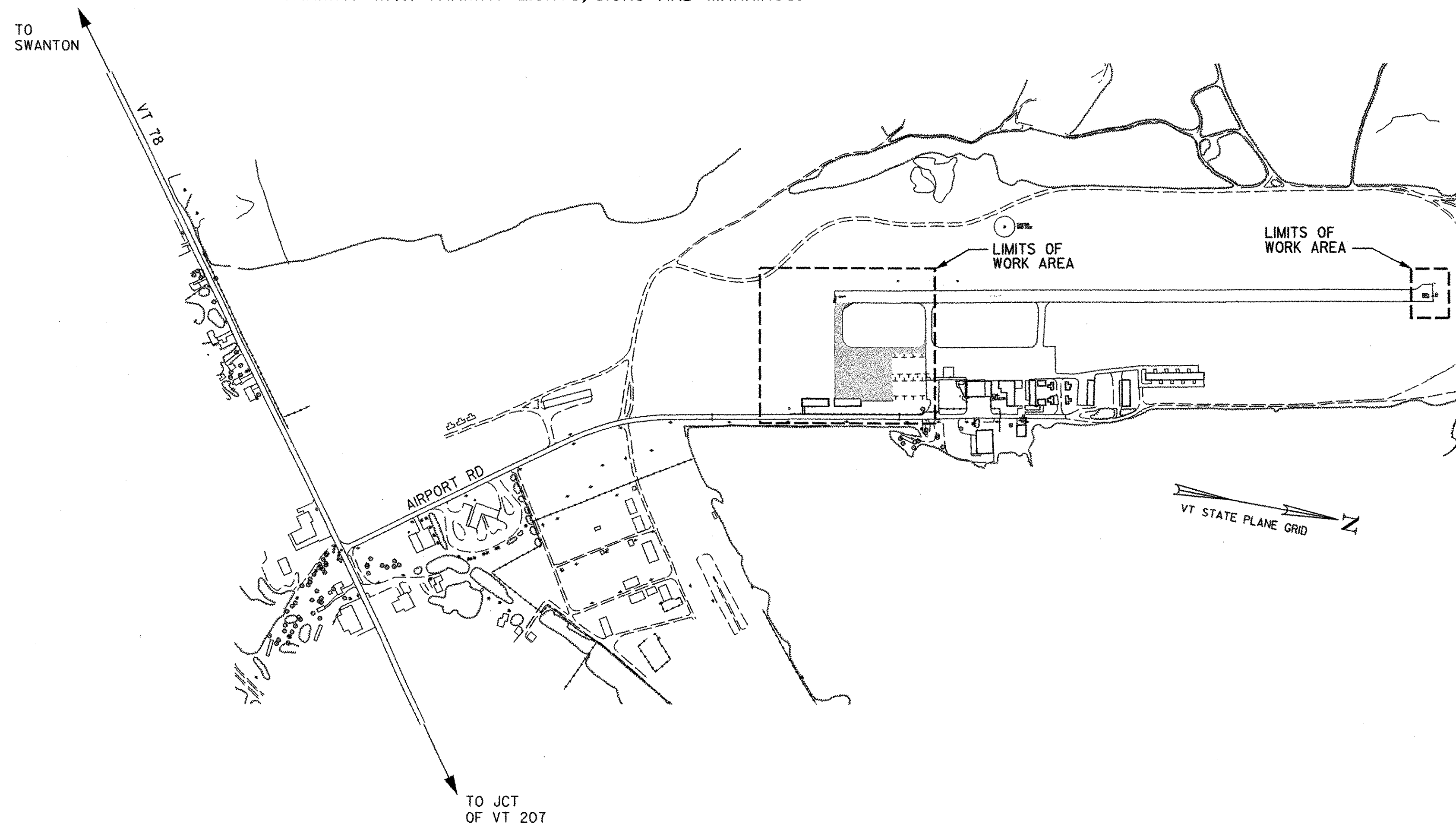
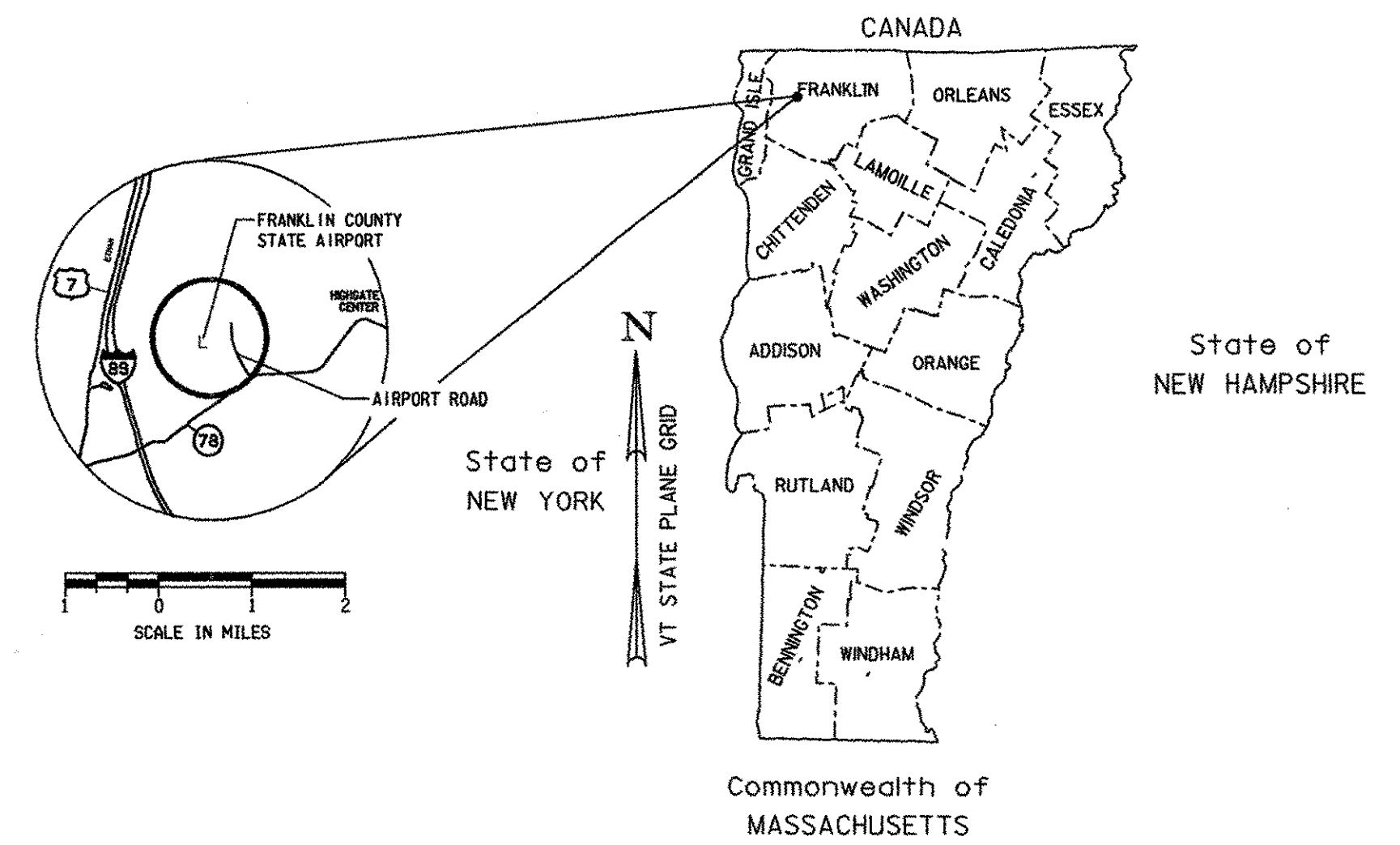
INDEX OF SHEETS	
SHEET	TITLE
1	TITLE SHEET
2	TYPICAL SECTIONS & DETAILS
3, 4	QUANTITY SHEETS
5	SITE PLAN
6	CONSTRUCTION PHASING PLAN
7	APRON LAYOUT PLAN
8	GRADING & EROSION CONTROL PLAN
9	APRON MARKING PLAN
10	RUNWAY MARKING PLAN
11	DRAINAGE & EROSION DETAILS
12	ELECTRICAL PLAN
13	ELECTRICAL DETAILS
14	ELECTRICAL DETAILS
15	ELECTRICAL DETAILS
16	CROSS SECTIONS
17	CROSS SECTIONS

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENTS  
TOWN OF HIGHGATE  
COUNTY OF FRANKLIN  
FRANKLIN COUNTY AIRPORT

PROJECT INCLUDES CONSTRUCTION OF A NEW AIRCRAFT TIEDOWN AREA AND NEW STUB TAXIWAY WITH TAXIWAY LIGHTS, SIGNS AND MARKINGS.



SURVEYED BY : Little River Survey	
SURVEYED DATE : 2000	
NORTH AMERICAN DATUM	
VERTICAL: NAVD88	
HORIZONTAL: NAD83 (1996)	
<b>CONVENTIONAL SYMBOLS</b>	
TOWN LINE	——— TOWN LINE ———
FENCE LINE	x — x — x — x —
TRAVELED WAY	—————
SURVEY LINE	——+——+——+——+——
CULVERT	====
PROPERTY LINE	——-——-——-——-——

RECORD PLANS	
CONTRACTOR:	CAPITOL EARTH MOVING - BARRE VT
RESIDENT ENGINEER:	DELVIN WARNER
CONSTRUCTION BEGAN:	JUNE 7, 2004
CONSTRUCTION COMPLETE:	AUGUST 4, 2004
RECORD PLANS BY:	D. WARNER
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY <i>Delvin Warner</i>	RESIDENT ENGINEER
DATE <i>Sept 19, 2005</i>	
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.	



APPROVED *David D. Dye* DATE *4/9/04*  
DIRECTOR OF OPERATIONS

PROJECT NAME : HIGHGATE AIR 04-3170  
PROJECT MANAGER : *Jean Cavan*  
SHEET 1 OF 17 SHEETS

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.



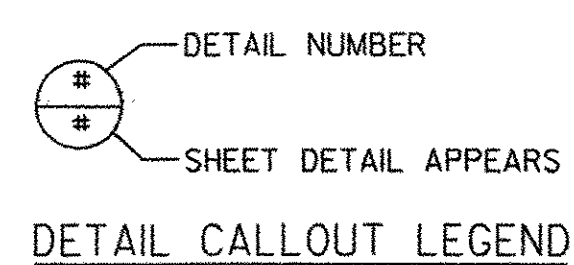
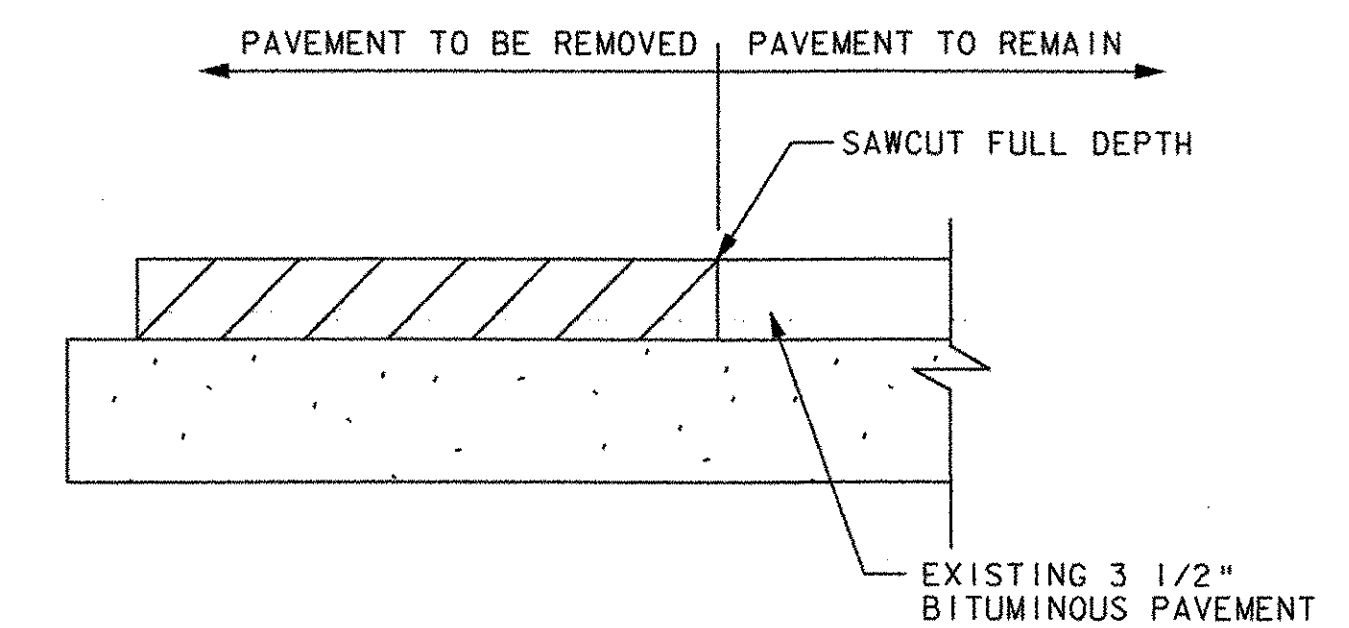
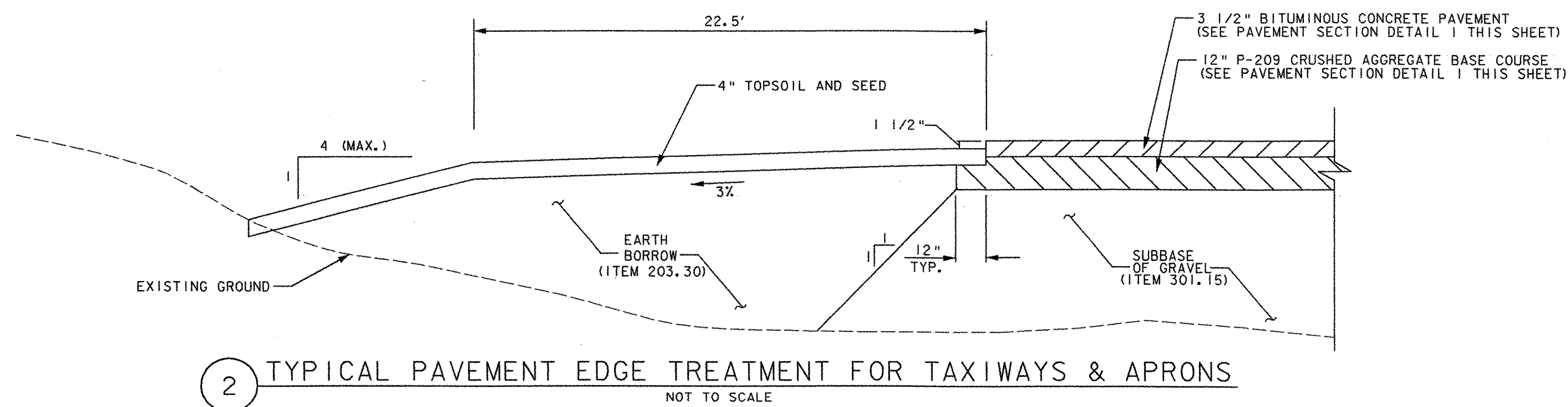
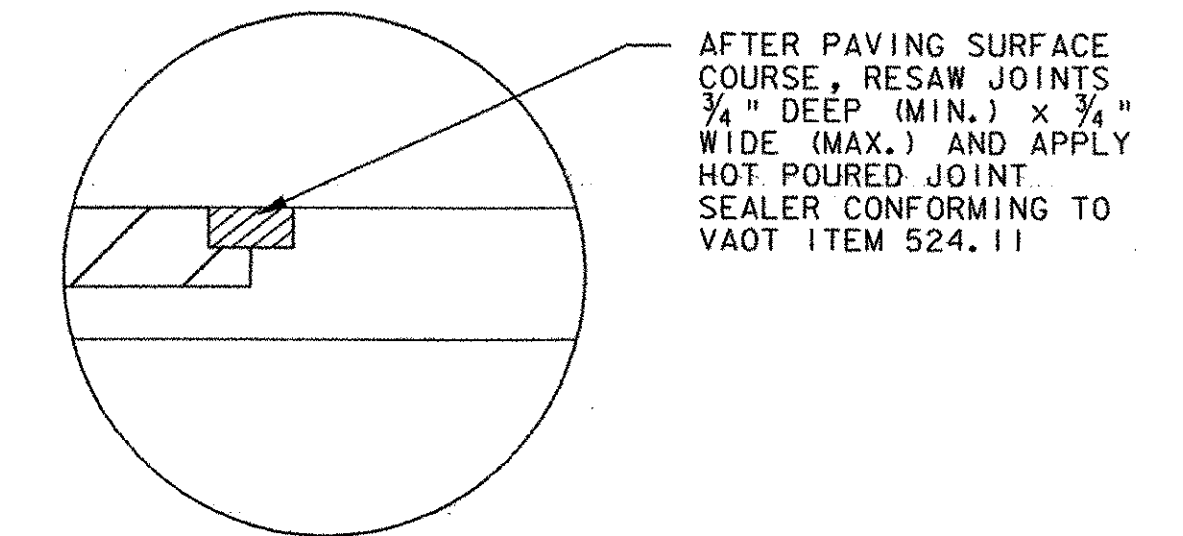
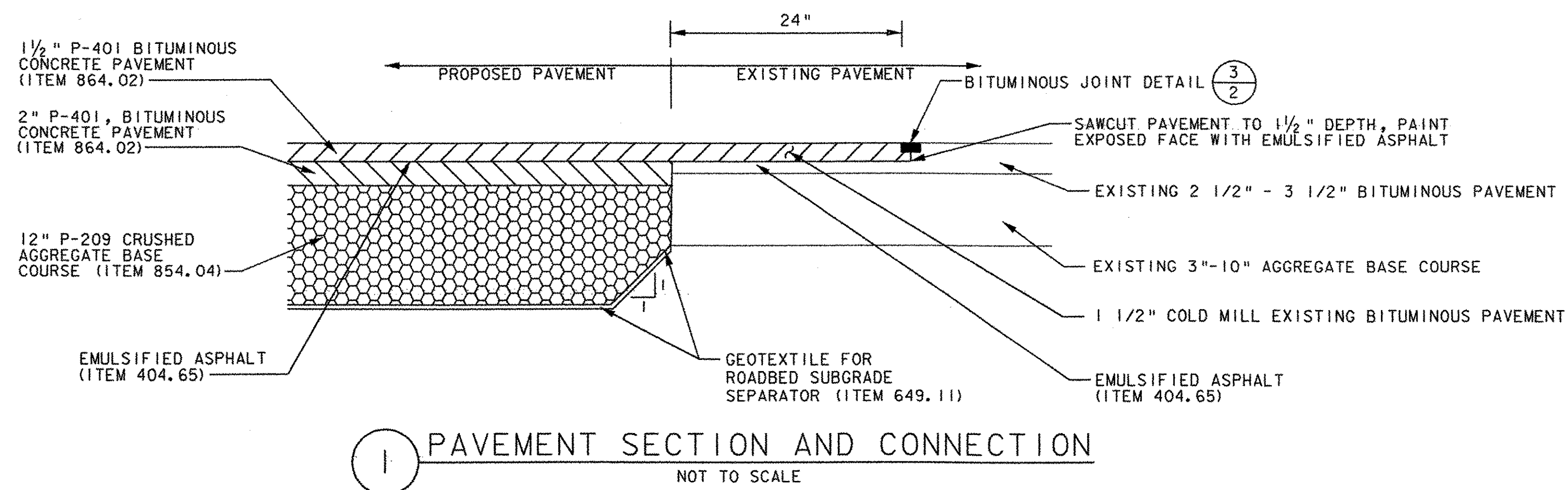
# TYPICAL SECTIONS

## NPDES SEEDING FORMULA

% WT.	LBS./AC.	NAME
42	20	CREeping RED FESCUE
42	20	SMOOTH BROMEGRASS
16	8	BIRDSFOOT TREFOIL

## SEEDING NOTES

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED: TO BE APPLIED PER NPDES SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER. HYDROSEED USE IS PREFERRED BUT NOTE THAT QUANTITIES WERE CALCULATED USING BROADCAST APPLICATION RATE.
- FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).
- AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
- STRAW MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
- TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.



**3 TYPICAL BITUMINOUS JOINT DETAIL**  
NOT TO SCALE

**4 PAVEMENT REMOVAL DETAIL**  
NOT TO SCALE  
(INCLUDE WITH COMMON EXCAVATION)

	PROJECT NAME: FRANKLIN COUNTY AIRPORT	PLOT DATE: 04/06/2004
	PROJECT NUMBER: AIR 04-3170	DRAWN BY: JDO
	FILE NAME: ...z000frm.dgn	CHECKED BY: DPD
	PROJECT LEADER: MLC	SHEET 2 OF 17
	DESIGNED BY: MLC	

**TYPICAL SECTIONS & DETAILS**

...:\VESEB\2004\frm.dgn 04/06/2004 01:34:50 PM

# QUANTITY SHEET

SUMMARY OF ESTIMATED QUANTITIES													TOTALS			DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES		
													FINAL	ROUND	GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	QUANTITIES	UNIT	ITEMS
													3215	35	3250	CY	COMMON EXCAVATION	203.15			
													6298	2	6300	CY	EARTH BORROW	203.30			
													290	10	300	SY	COLD PLANING-BIT PAVEMENT	210.10			
													2754	46	2800	CY	SUBBASE OF GRAVEL (P-154)	301.15			
													300		300	CY	SUBBASE OF CRUSHED GRAVEL (COARSE GRADED)	301.25			
													2		2	CWT	EMULSIFIED ASPHALT	404.65			
													1		1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (NABI)	406.50			
													570		570	LF	JOINT SEALER HOT POURED	524.11			
													460		460	LF	12" RCP CLASS III	601.0805			
													6		6	EACH	15" RCPES CLASS III (MOD) (12")	601.6810			
													5		5	EACH	CONCRETE MANHOLE WITH CAST IRON COVER (MOD) (ELEC. HANDHOLES)	604.11			
													4		4	EACH	PRECAST REINFORCED CONC. MANHOLE W/ CAST IRON COVER (MOD) (ELEC. MH)	604.21			
													50		50	HR	BULLDOZER RENTAL, TYPE I	608.10			
													50		50	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25			
													50		50	HR	TRUCK RENTAL	608.37			
													50		50	HR	LOADER RENTAL, TYPE I	608.40			
													500		500	MGAL	DUST CONTROL WITH WATER	609.10			
													1		1	TON	DUST & ICE CONTROL WITH CALCIUM CHLORIDE	609.15			
													26	4	30	CY	STONE FILL, TYPE I	613.10			
													2	8	10	CY	STONE FILL, TYPE I (MOD)	613.10			
													100		100	LF	PVC SEWER PIPE (4")	628.35			
													1		1	LS	FIELD OFFICE-ENGINEERS	631.10			
													1		1	LS	TESTING EQUIPMENT - BITUMINOUS	631.17			
													1		1	LU	FIELD OFFICE TELEPHONE (NABI)	631.25			
													1		1	LS	MOBILIZATION	635.10			
													1		1	LS	TRAFFIC CONTROL (MOD)	641.10			
													10000		10000	SY	GEOTEXTILE FOR ROADBED SUBGRADE SEPARATOR	649.11			
													233	17	250	SY	GEOTEXTILE FOR SILT FENCE	649.51			
													30		30	LB	SEED	651.15			
													300		300	LB	FERTILIZER	651.18			
													2	3	5	TON	AGRICULTURAL LIMESTONE	651.20			
													2	3	5	TON	HAY MULCH	651.25			
													2900		2900	CY	TOPSOIL	651.35			
													1		1	LS	EROSION & SEDIMENT CONTROL PLAN	652.10			
													200		200	HR	MONITORING EROSION & SEDIMENT CONTROL PLAN	652.20			
													1		1	LU	FIELD MAINTENANCE OF EROSION & SEDIMENT CONTROL PLAN (NABI)	652.30			
													2200		2200	LF	ELECTRICAL CONDUIT (MOD) (L-110)	678.21			
													3500		3500	CY	P-209 CRUSHED AGGREGATE BASE COURSE	854.04			
													51		51	EACH	AIRCRAFT TIE DOWN ANCHOR, TYPE A	854.07			
													12		12	EACH	AIRCRAFT TIE DOWN ANCHOR, TYPE A (MOD) (REMOVE)	854.07			



PROJECT NAME: Franklin County State Airport  
 PROJECT NUMBER: AIR 04-3170  
 FILE NAME: quantity sheet.xls  
 PROJECT LEADER: MLC  
 DESIGNED BY: MLC  
 PLOT DATE: 4/6/2004  
 DRAWN BY: JDO  
 CHECKED BY: DD  
 SHEET 3 OF 17

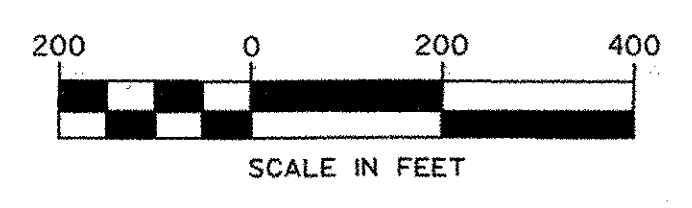
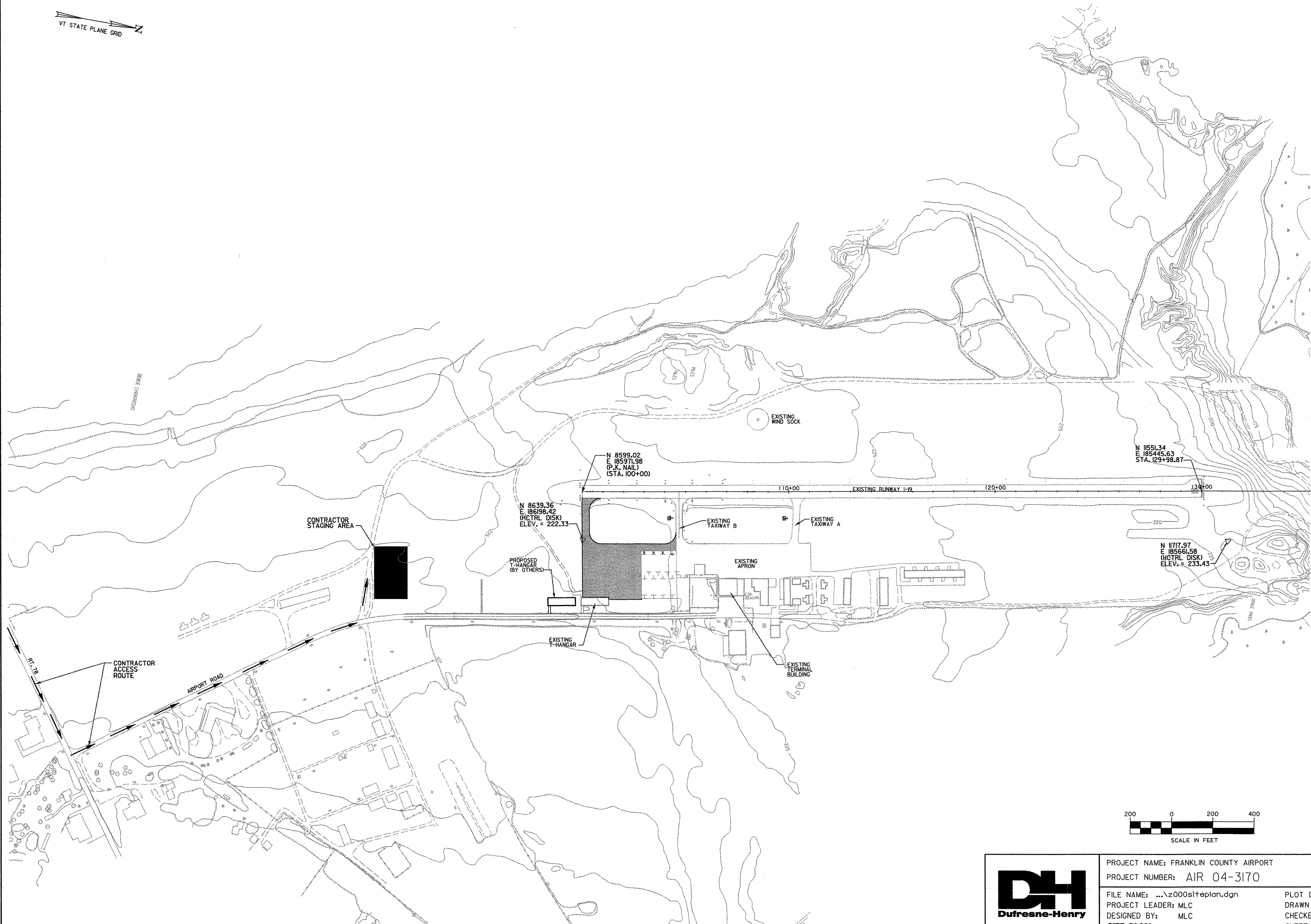
# QUANTITY SHEET

SUMMARY OF ESTIMATED QUANTITIES														TOTALS			DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES		
														FINAL	ROUND	GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	QUANTITIES	UNIT	ITEMS
														2100		2100	TON	P-401, BITUMINOUS CONCRETE PAVEMENT	864.02			
														8685	5	8690	SF	P-620, RUNWAY AND TAXIWAY PAINTING (YELLOW)	864.03			
														3493	7	3500	SF	P-620, RUNWAY AND TAXIWAY PAINTING (WHITE)	864.03			
														385	5	390	SF	P-620, RUNWAY AND TAXIWAY PAINTING (BLACK)	864.03			
														4250		4250	SF	P-620, RUNWAY AND TAXIWAY PAINTING (MOD) (REMOVAL)	864.03			
														3493	7	3500	SF	P-620, RUNWAY AND TAXIWAY PAINTING (TEMP WHITE)	864.03			
														1680		1680	LF	L-108, 1/C #8, L-824, TYPE C, 5KV	864.05			
														1900		1900	LF	L-108, 1/C #8, L-824, TYPE C, 5KV (MOD) (#6 600V)	864.05			
														2100		2100	LF	L-108, #8 COUNTERPOISE WIRE	864.06			
														60		60	LF	L-110, 2-WAY X 4" DIA. U.G. ELECTRICAL DUCT	864.08			
														25		25	LF	L-110, 4-WAY X 4" DIA. U.G. ELECTRICAL DUCT	864.09			
														17		17	EACH	L-125, MEDIUM INTENS TAXIWAY LTS, BASE MTD	864.11			
														4		4	EACH	L-125, MEDIUM INTENS TAXIWAY LTS, BASE MTD (MOD) (REMOVE)	864.11			
														2		2	EACH	L-125, RUNWAY END IDENTIFIER LIGHTS	864.13			
														2		2	EACH	L-125, RUNWAY END IDENTIFIER LIGHTS (MOD) (REMOVE)	864.13			
														3		3	EACH	L-125, TAXIWAY GUIDANCE SIGN	864.14			
														2		2	EACH	L-125, TAXIWAY GUIDANCE SIGN (MOD) (REMOVE)	864.14			
														1		1	EACH	L-125, THRESHOLD LIGHTS	864.15			



PROJECT NAME: Franklin County State Airport  
 PROJECT NUMBER: AIR 04-3170  
 FILE NAME: quantity sheet.xls  
 PROJECT LEADER: MLC  
 DESIGNED BY: MLC  
 PLOT DATE: 4/8/2004  
 DRAWN BY: JDO  
 CHECKED BY: DD  
 SHEET 4 OF 17

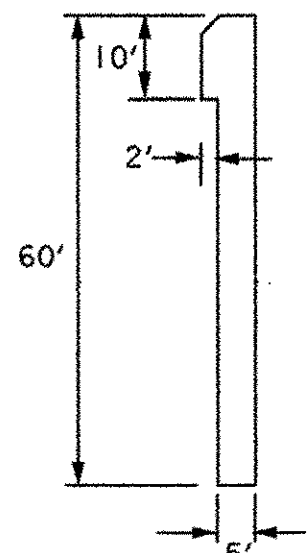
VT STATE PLANE GRID



PROJECT NAME: FRANKLIN COUNTY AIRPORT  
 PROJECT NUMBER: AIR 04-3170  
 FILE NAME: ...z000siteplan.dgn  
 PROJECT LEADER: MLC  
 DESIGNED BY: MLC  
**SITE PLAN**

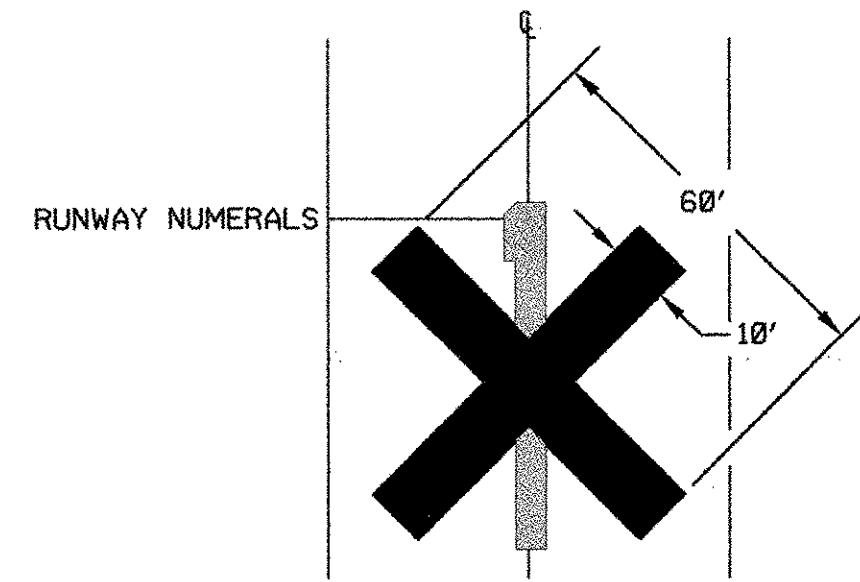
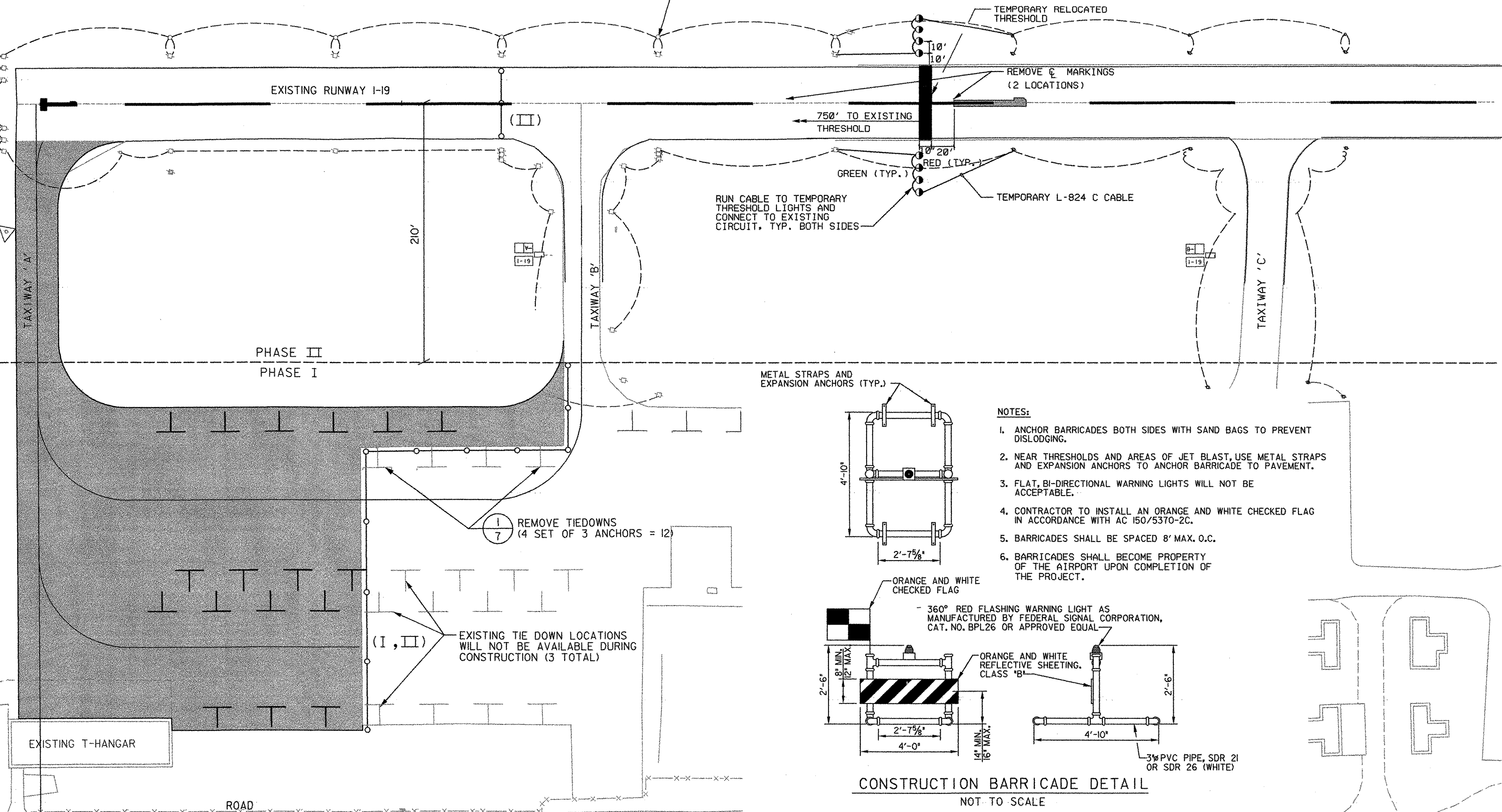
PLOT DATE: 04/06/2004  
 DRAWN BY: JDO  
 CHECKED BY: DPD  
 SHEET 5 OF 17

VT STATE PLANE GRID



RUNWAY "1" MARKING DIMENSIONS  
NOT TO SCALE

DISCONNECT EXISTING ISOLATION TRANSFORMERS AT EACH RUNWAY LIGHT SOUTH OF TEMPORARY THRESHOLD. CONNECT ENDS OF PRIMARY CABLE TOGETHER TO CONTINUE CIRCUIT



CLOSED RUNWAY MARKER  
NOT TO SCALE

- NOTES:
1. CLOSED RUNWAY MARKERS (X'S) TO BE IN PLACE DURING CONSTRUCTION PERIOD AND/OR AS DIRECTED BY THE ENGINEER. MARKERS SHALL BE PLACED OVER THE RUNWAY NUMERAL ALONG THE RUNWAY CENTERLINE.
  2. MARKERS SHALL BE HIGH STRENGTH, YELLOW VINYL, REUSABLE CLOSURE MARKERS WITH FACTORY INSTALLED BALLAST TUBES. MARKERS SHALL BE FAA APPROVED.
  3. MARKERS SHALL BECOME PROPERTY OF THE AIRPORT AT THE END OF THE PROJECT.

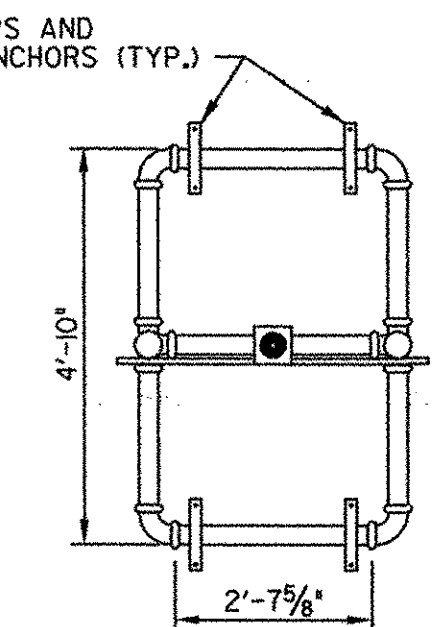
PROPOSED T-HANGAR (BY OTHERS)

EXISTING T-HANGAR

AIRPORT

ROAD

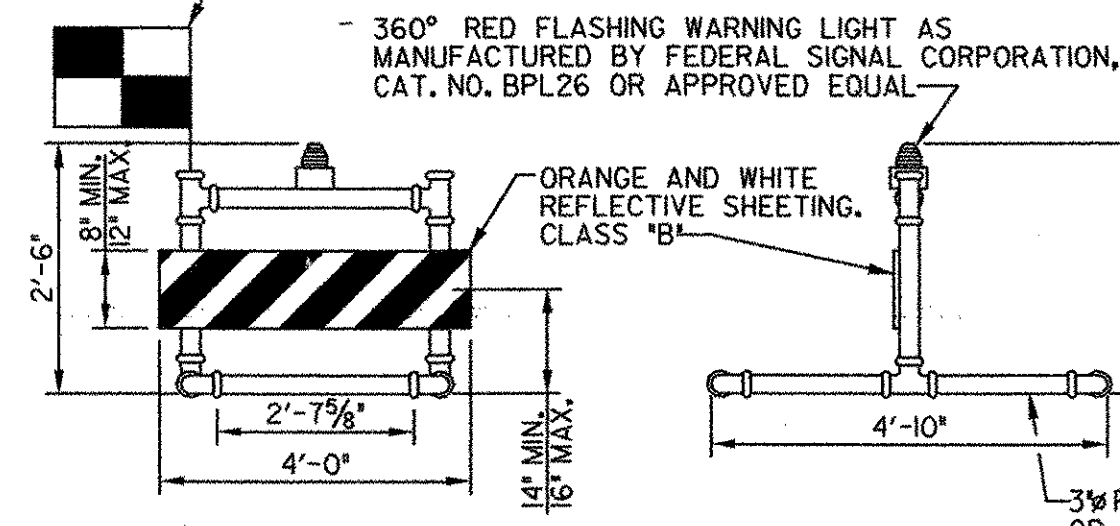
METAL STRAPS AND EXPANSION ANCHORS (TYP.)



NOTES:

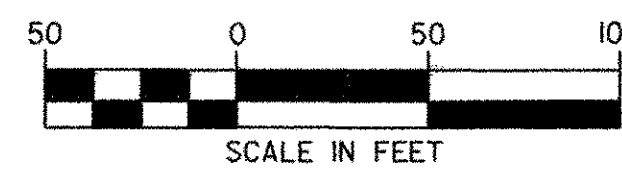
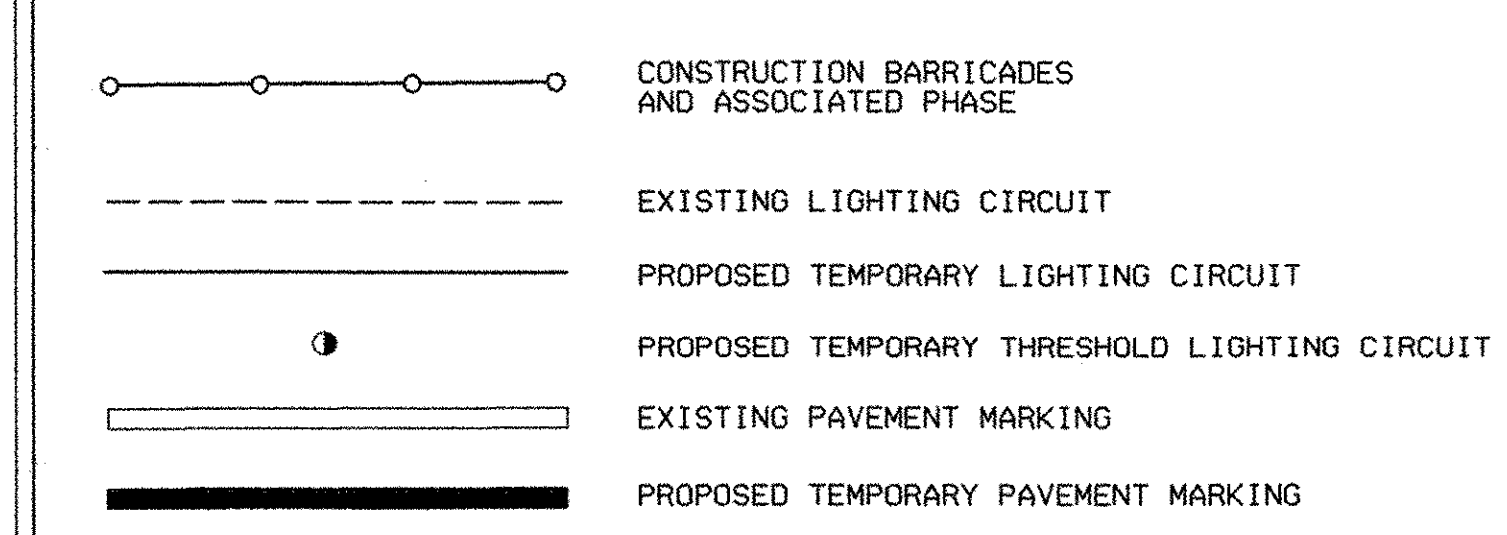
1. ANCHOR BARRICADES BOTH SIDES WITH SAND BAGS TO PREVENT DISLODGING.
2. NEAR THRESHOLDS AND AREAS OF JET BLAST, USE METAL STRAPS AND EXPANSION ANCHORS TO ANCHOR BARRICADE TO PAVEMENT.
3. FLAT, BI-DIRECTIONAL WARNING LIGHTS WILL NOT BE ACCEPTABLE.
4. CONTRACTOR TO INSTALL AN ORANGE AND WHITE CHECKED FLAG IN ACCORDANCE WITH AC 150/5370-2C.
5. BARRICADES SHALL BE SPACED 8' MAX. O.C.
6. BARRICADES SHALL BECOME PROPERTY OF THE AIRPORT UPON COMPLETION OF THE PROJECT.

ORANGE AND WHITE CHECKED FLAG



CONSTRUCTION BARRICADE DETAIL  
NOT TO SCALE

LEGEND



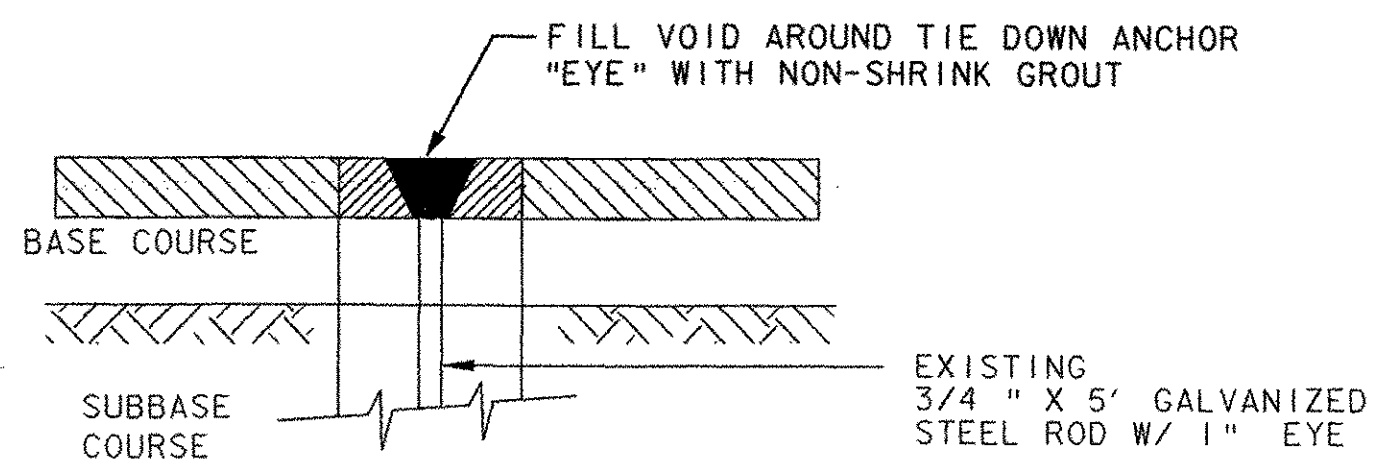
PHASE	DESCRIPTION OF WORK	BARRICADE LOCATIONS	DURATION (DAYS)	COMMENTS
I	CONSTRUCT FILL PLACEMENT, INSTALL GEOTEXTILE AND SUBBASE COURSE MATERIAL, INSTALL DRAINAGE APPURTENANCES, AND INSTALL ELECTRICAL CIRCUITS WHICH ARE FURTHER THEN 210 FEET FROM THE RUNWAY CENTER LINE. AT THE COMPLETION OF THE WORK, INSTALL TEMPORARY THRESHOLD AND RELOCATE BARRICADES AS NEEDED FOR PHASE II CONSTRUCTION. COVER EXISTING RUNWAY "1" NUMBER AND FIRST TWO CENTERLINE STRIPES DOWNWIND OF TEMPORARY THRESHOLD WITH GEOTEXTILE FABRIC OR SIMILAR OPAQUE MATERIAL. SANDBLAST OR OTHERWISE REMOVE NEXT TWO CENTERLINE STRIPES.	EDGE OF AIRCRAFT PARKING APRON.	30	4 TIEDOWNS ON WESTERN EDGE OF THE APRON WILL BE REMOVED. CONTRACTOR SHALL INSTALL TEMPORARY THRESHOLD WITHIN A 24 HOUR PERIOD.
II	COMPLETE ALL CONSTRUCTION ACTIVITIES WITHIN 210 FEET OF THE RUNWAY CENTERLINE. INSTALL TEMPORARY STRIPING (TAXIWAY AND TAXIWAY CENTERLINE, TIE DOWNS AND TAXIWAY HOLD LINE) SANDBLAST ALL RUNWAY MARKINGS SOUTH OF DISPLACED THRESHOLD. AT COMPLETION OF WORK, REMOVE TEMPORARY THRESHOLD AND RE-INSTALL RUNWAY MARKINGS.	EDGE OF AIRCRAFT PARKING APRON. RUNWAY 1-19 SOUTH OF TAXIWAY B.	20	RUNWAY END "1" TO BE TEMPORARILY RELOCATED.
III	REMOVE EXISTING RUNWAY MARKINGS AND INSTALL NEW MARKINGS. INSTALL REELS AT RUNWAY END 19, END TAXIWAY B AND C HOLD LINES.	CLOSED RUNWAY MARKERS AT RUNWAY 1 AND 19 ENDS.	4	AIRPORT CLOSED
IV	INSTALL PERMANENT PAVEMENT MARKINGS. (ALL TEMPORARY STRIPING)	NONE	1	WORK TO BE COMPLETED MINIMUM OF 30 DAYS AFTER INSTALLATION OF TEMPORARY STRIPING.



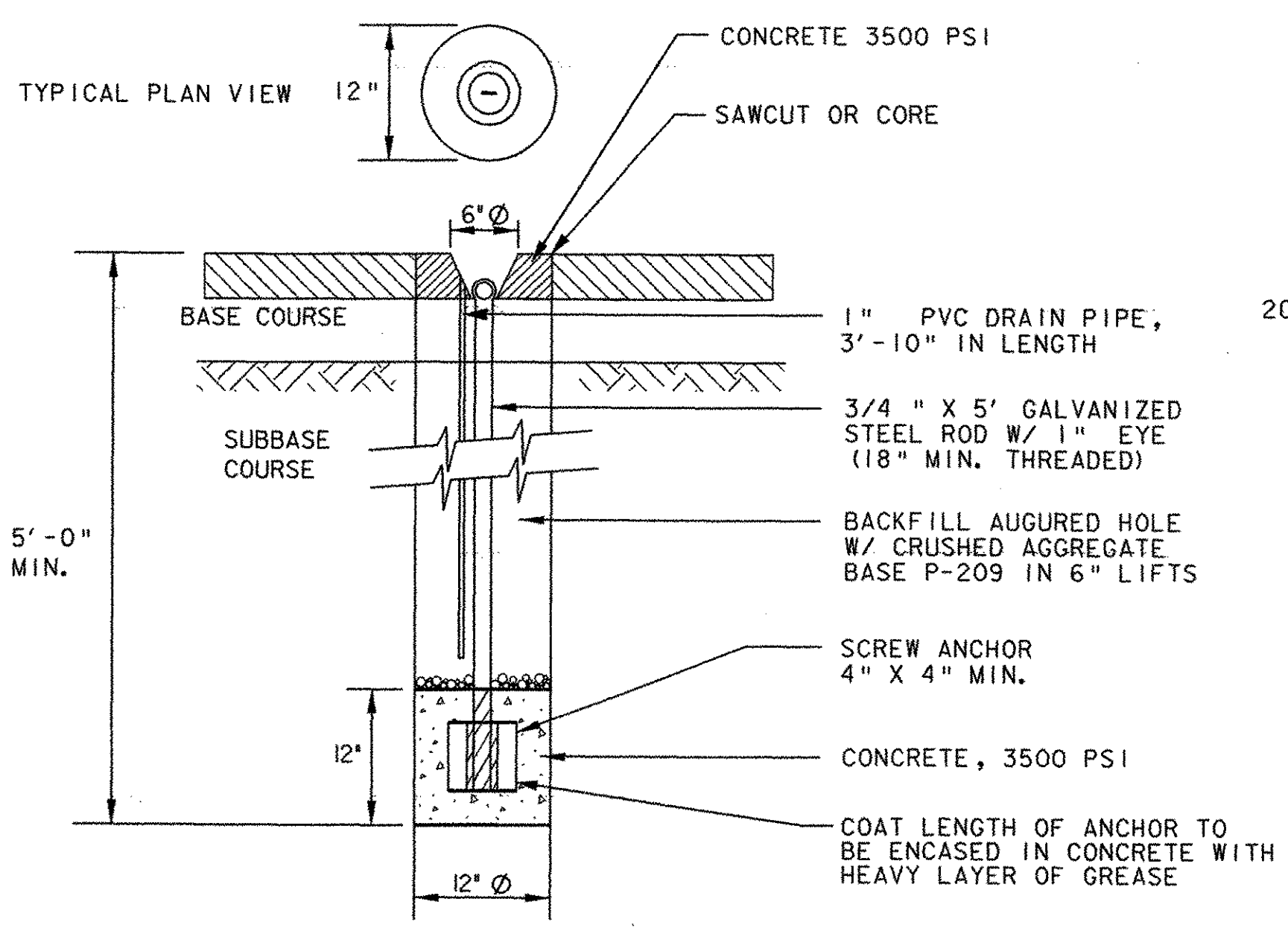
PROJECT NAME: FRANKLIN COUNTY AIRPORT  
PROJECT NUMBER: AIR 04-3170

FILE NAME: ...z000phasing.dgn  
PROJECT LEADER: MLC  
DESIGNED BY: MLC  
CONSTRUCTION PHASING PLAN

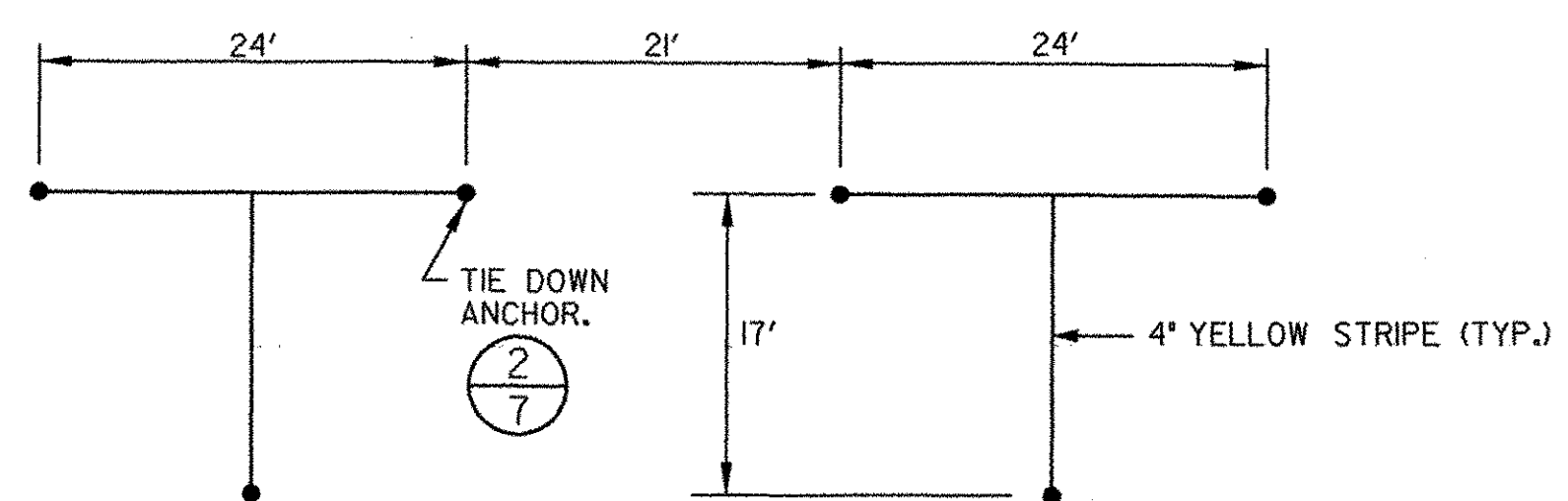
PLOT DATE: 04/06/2004  
DRAWN BY: JDO  
CHECKED BY: DPD  
SHEET 6 OF 17



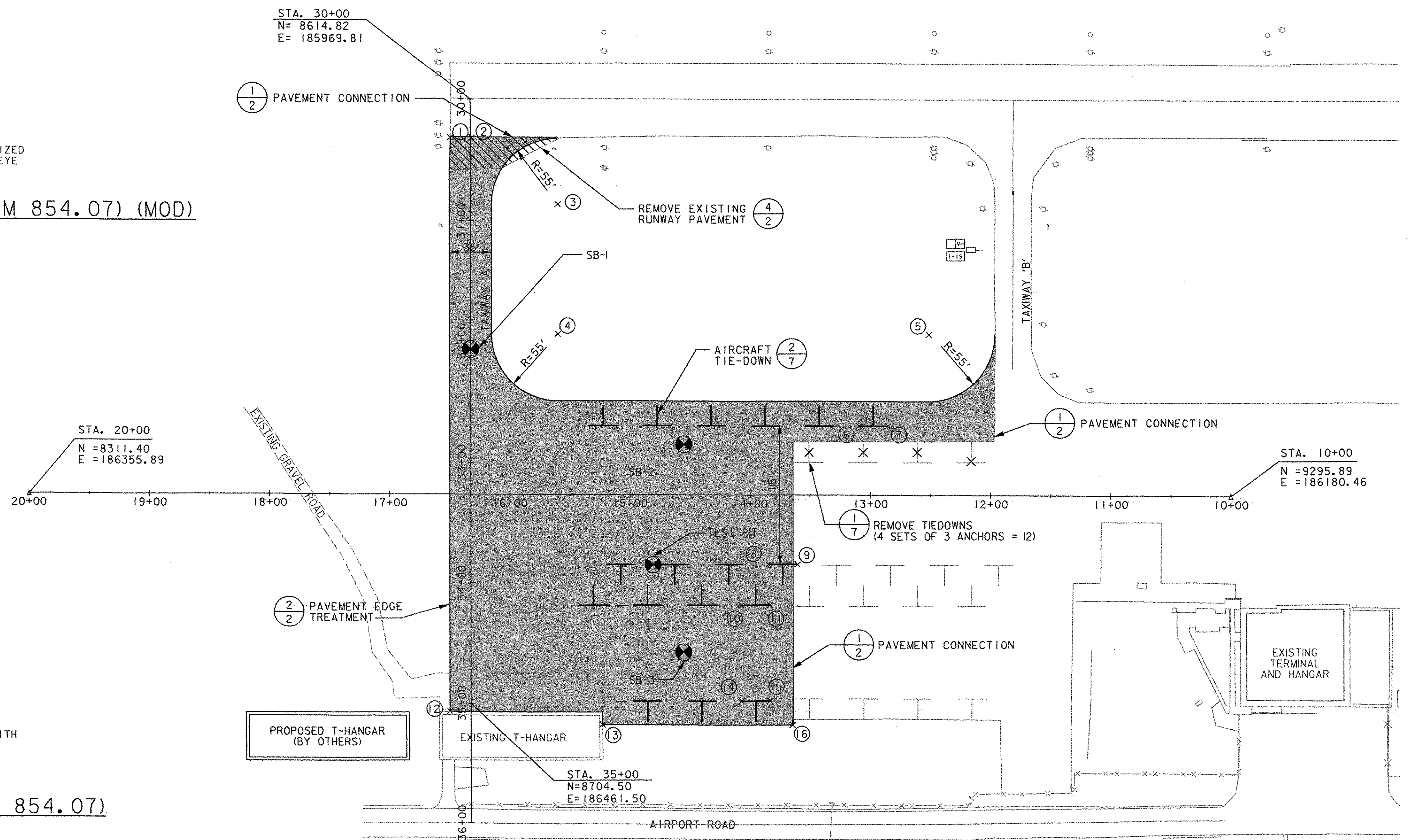
1 AIRCRAFT TIE-DOWN ANCHOR REMOVAL (ITEM 854.07) (MOD)  
NOT TO SCALE



2 AIRCRAFT TIE-DOWN ANCHOR TYPE A (ITEM 854.07)  
NOT TO SCALE

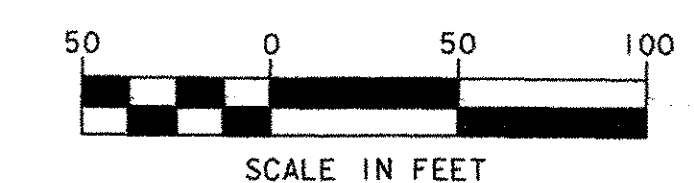


3 AIRCRAFT TIE-DOWN LAYOUT DETAIL  
NOT TO SCALE



POINT LAYOUT TABLE				
POINT NUMBER	DESCRIPTION	STATION	OFFSET	SIDE
1	SOUTHWEST CORNER OF TAXIWAY A	16+49.87	294.60	RT
2	INTERSECTION OF CENTERLINE OF TAXIWAY "A"/RUNWAY 1-19 EDGE	16+31.63	295.56	RT
3	CENTER OF PAVEMENT EDGE RADIUS	15+59.85	240.58	RT
4	CENTER OF PAVEMENT EDGE RADIUS	15+59.85	132.48	RT
5	CENTER OF PAVEMENT EDGE RADIUS	12+51.15	132.55	RT
6	TIEDOWN ANCHOR	13+09.32	56.77	RT
7	TIEDOWN ANCHOR	12+85.62	56.77	RT
8	TIEDOWN ANCHOR	13+85.01	57.16	LT
9	TIEDOWN ANCHOR	13+60.74	57.16	LT
10	TIEDOWN ANCHOR	14+07.83	90.92	LT
11	TIEDOWN ANCHOR	13+83.84	90.92	LT
12	SOUTH EAST CORNER OF APRON	16+49.64	180.20	LT
13	EASTERN CORNER OF APRON	15+23.14	190.85	LT
14	TIEDOWN ANCHOR	14+07.26	170.75	LT
15	TIEDOWN ANCHOR	13+83.38	170.75	LT
16	NORTHEAST CORNER OF APRON	13+65.14	190.85	LT

LOCATION OF GEOTECHNICAL TEST PIT OR SOIL BORING (SEE PROPOSAL FOR TEST PIT/ SOIL BORING DATA)



PROJECT NAME: FRANKLIN COUNTY AIRPORT  
PROJECT NUMBER: AIR 04-3170  
FILE NAME: ...z000layout+plan.dgn  
PLOT DATE: 04/06/2004  
PROJECT LEADER: MLC  
DRAWN BY: JDO  
DESIGNED BY: MLC  
CHECKED BY: DPD  
APRON LAYOUT PLAN  
SHEET 7 OF 17

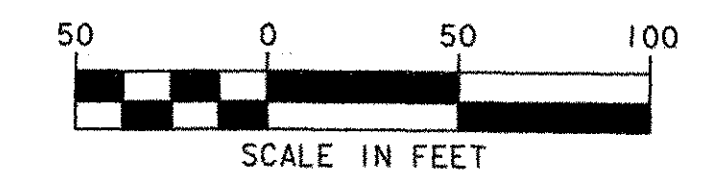
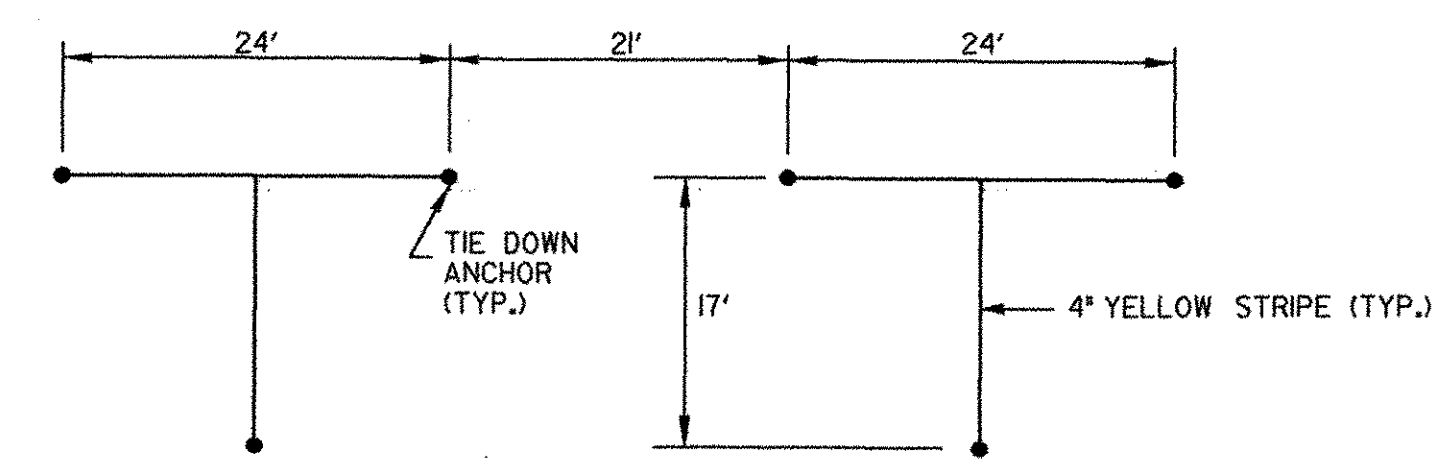
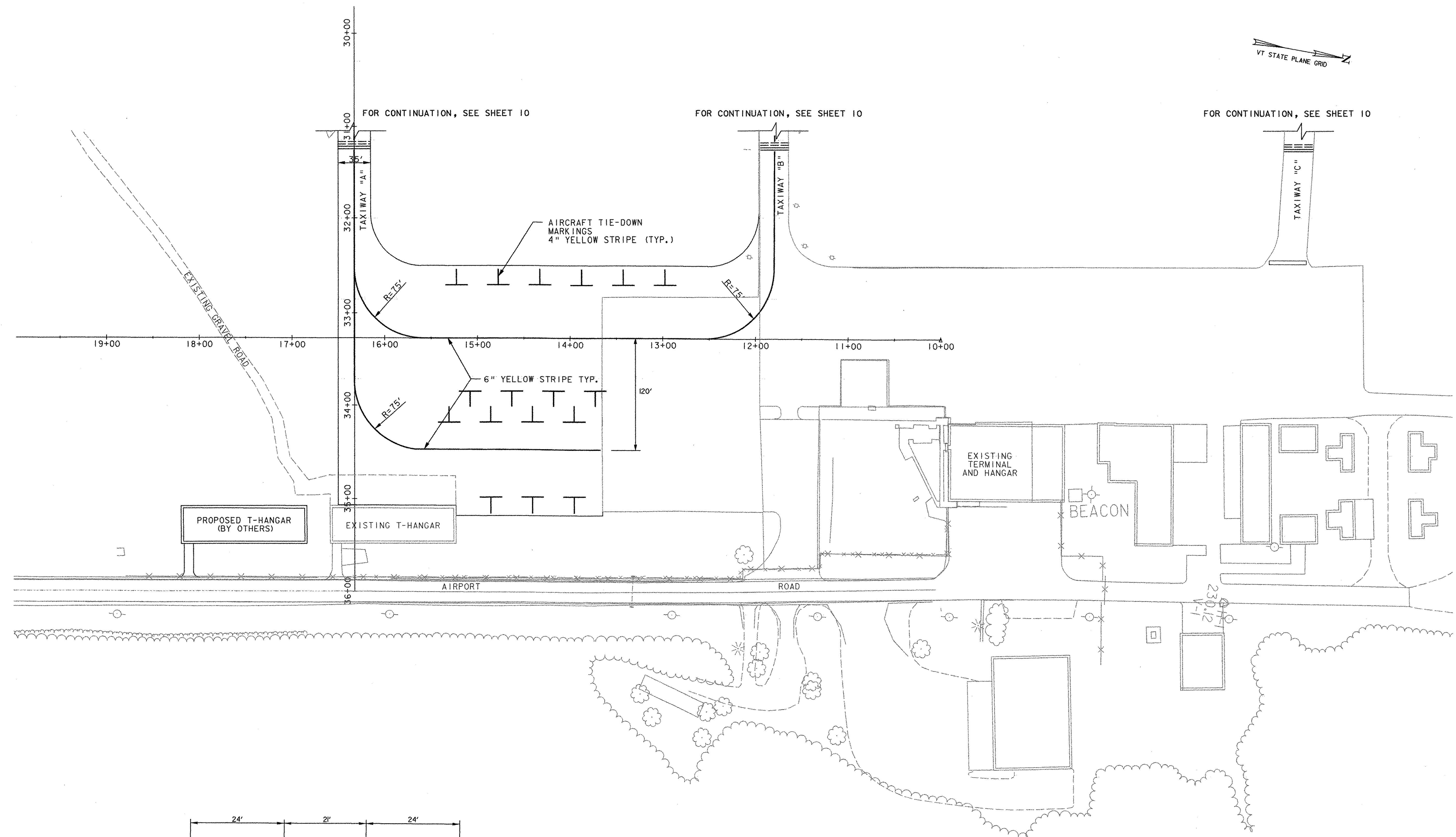




FOR CONTINUATION, SEE SHEET 10

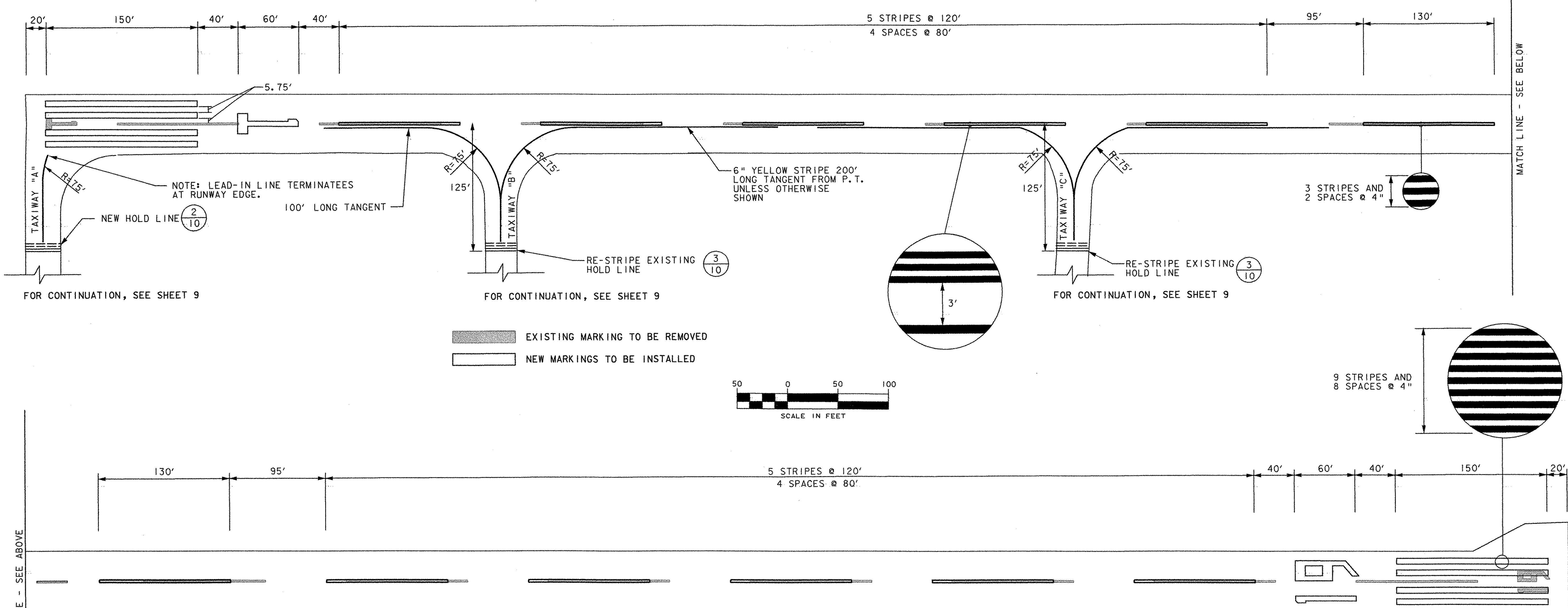
FOR CONTINUATION, SEE SHEET 10

FOR CONTINUATION, SEE SHEET 10



3 AIRCRAFT TIE-DOWN MARKING DETAIL  
NOT TO SCALE

	PROJECT NAME: FRANKLIN COUNTY AIRPORT
	PROJECT NUMBER: AIR 04-3170
	FILE NAME: ...z000apronmarking.dgn
	PROJECT LEADER: MLC
	DESIGNED BY: MLC
<b>APRON MARKING PLAN</b>	PLOT DATE: 04/06/2004 DRAWN BY: JDO CHECKED BY: DPD SHEET 9 OF 17

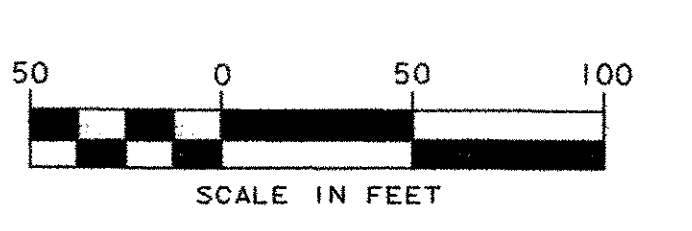


FOR CONTINUATION, SEE SHEET 9

FOR CONTINUATION, SEE SHEET 9

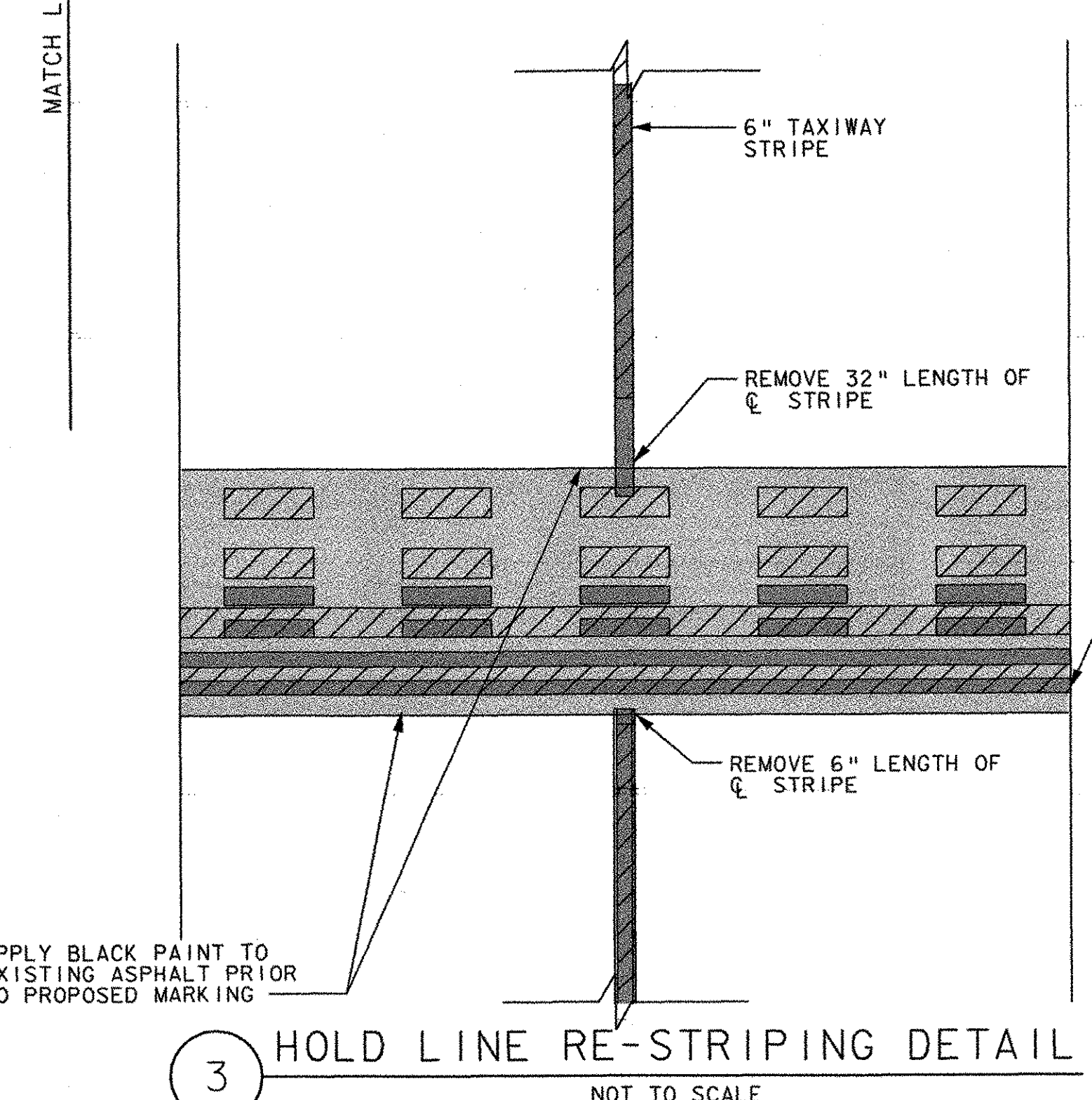
FOR CONTINUATION, SEE SHEET 9

EXISTING MARKING TO BE REMOVED  
 NEW MARKINGS TO BE INSTALLED

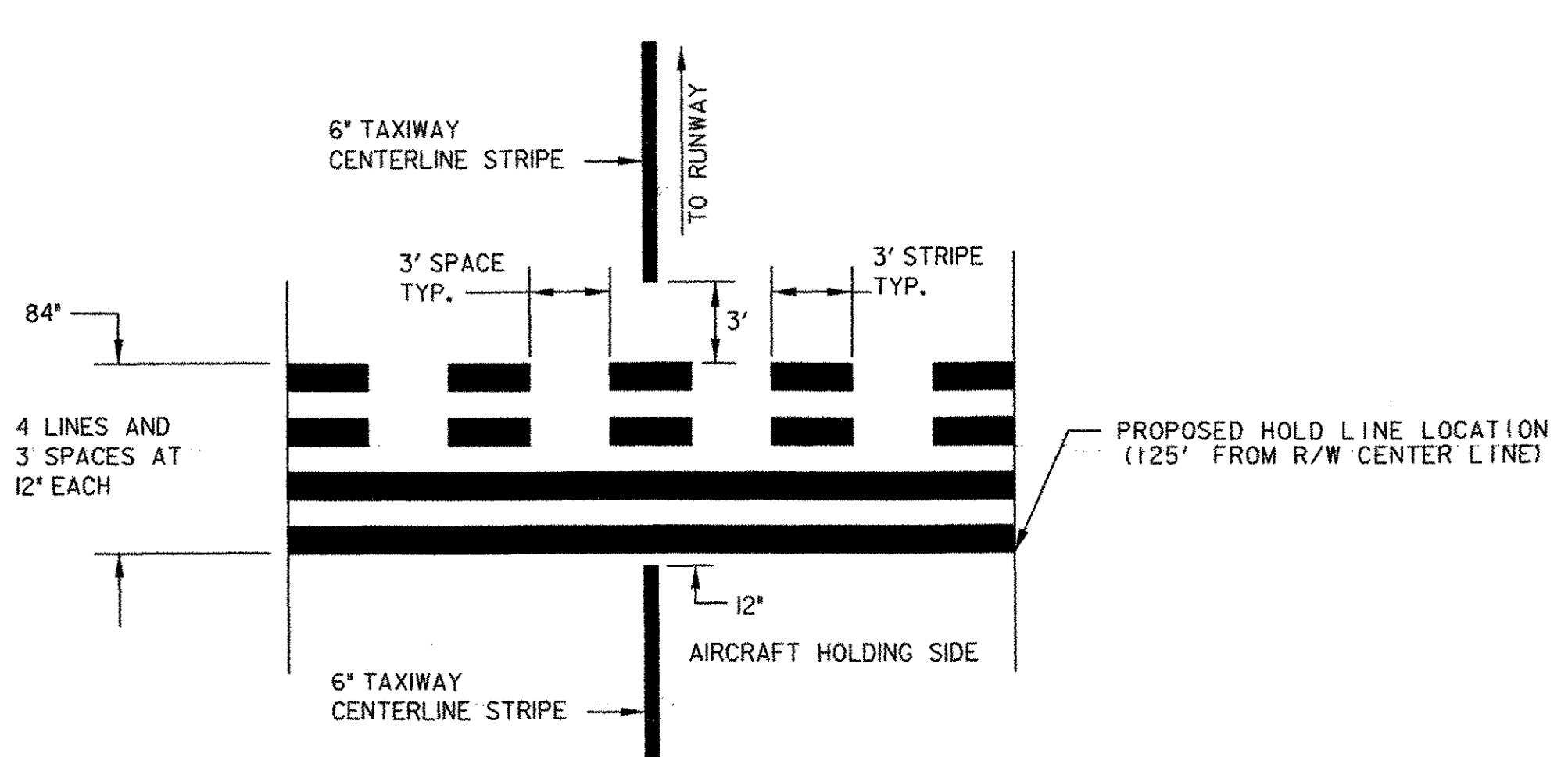


MATCH LINE - SEE ABOVE

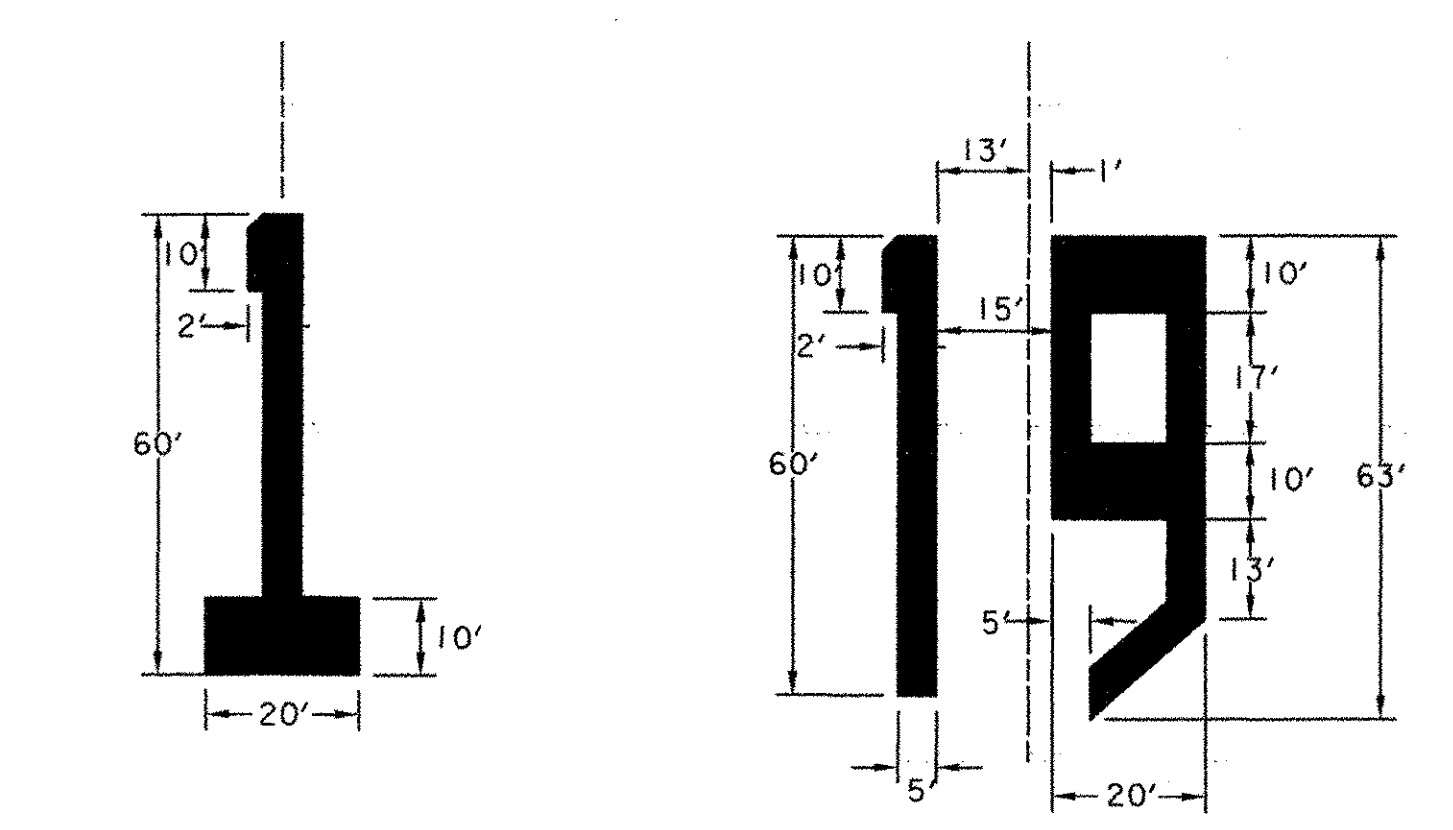
MATCH LINE - SEE BELOW



3 HOLD LINE RE-STRIPING DETAIL  
 NOT TO SCALE



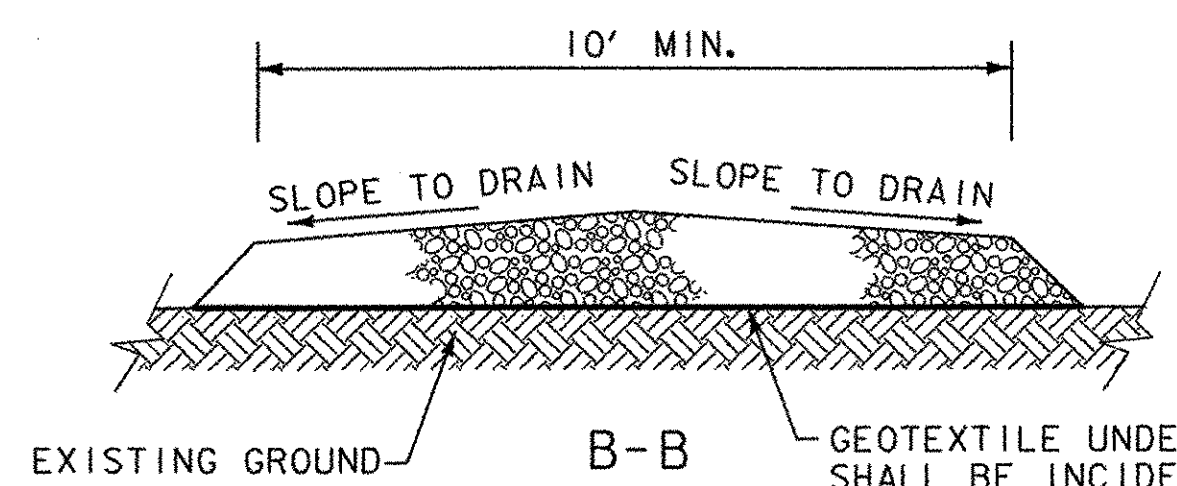
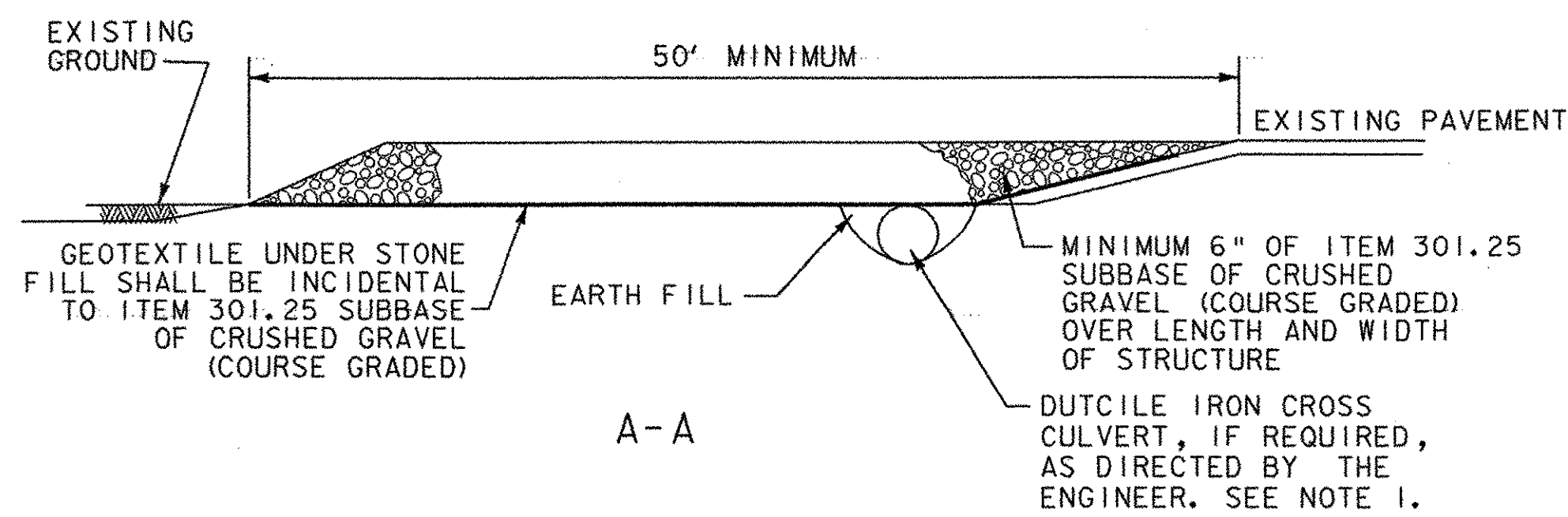
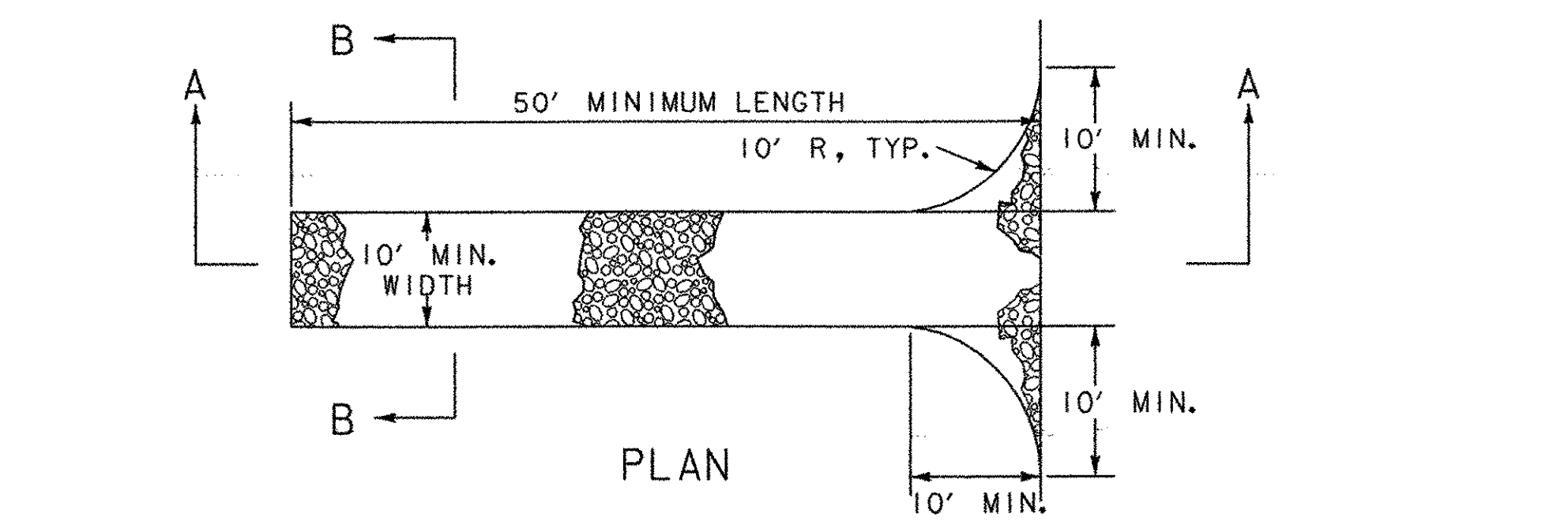
2 TYPICAL RUNWAY HOLDING POSITION MARKINGS  
 NOT TO SCALE



1 RUNWAY DESIGNATION NUMERALS  
 NOT TO SCALE

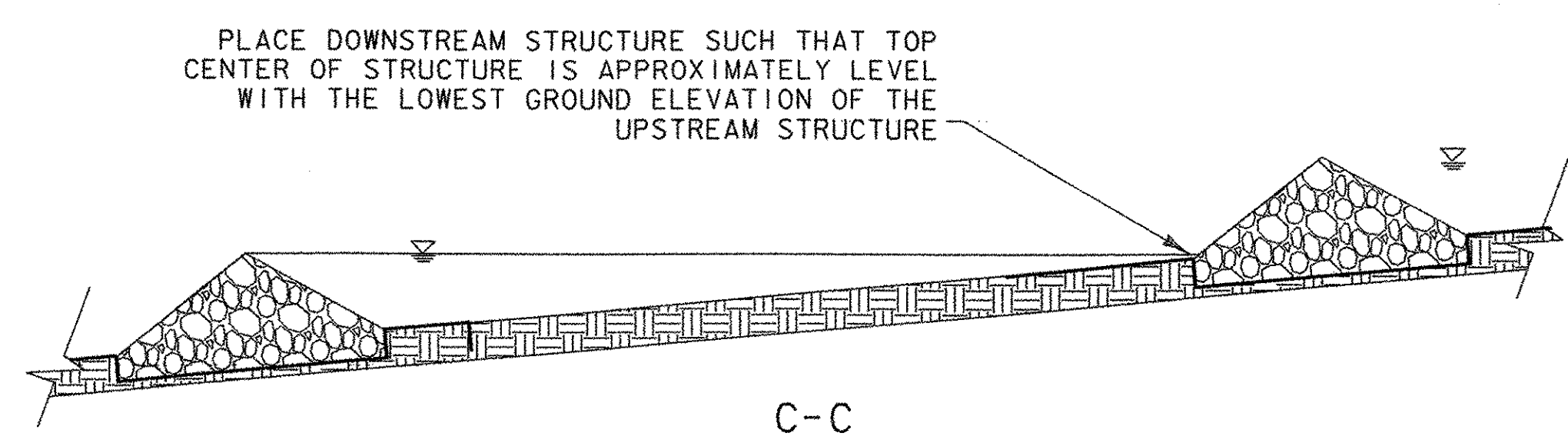
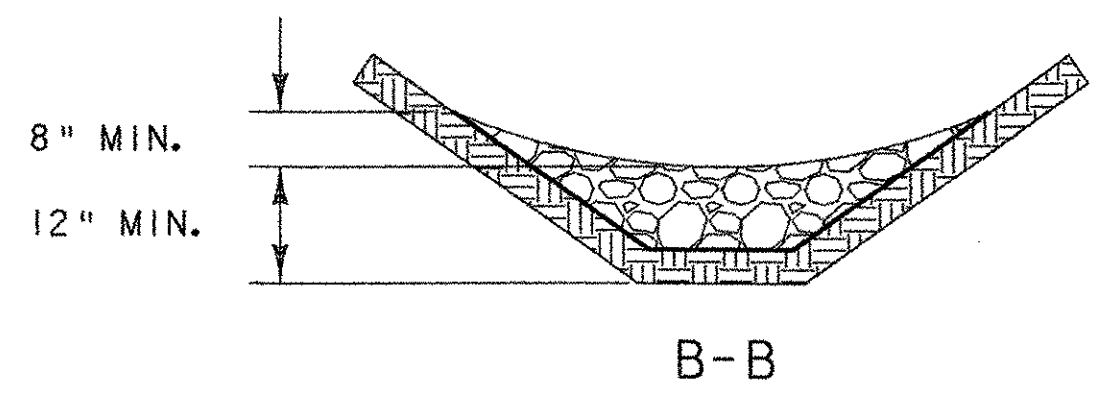
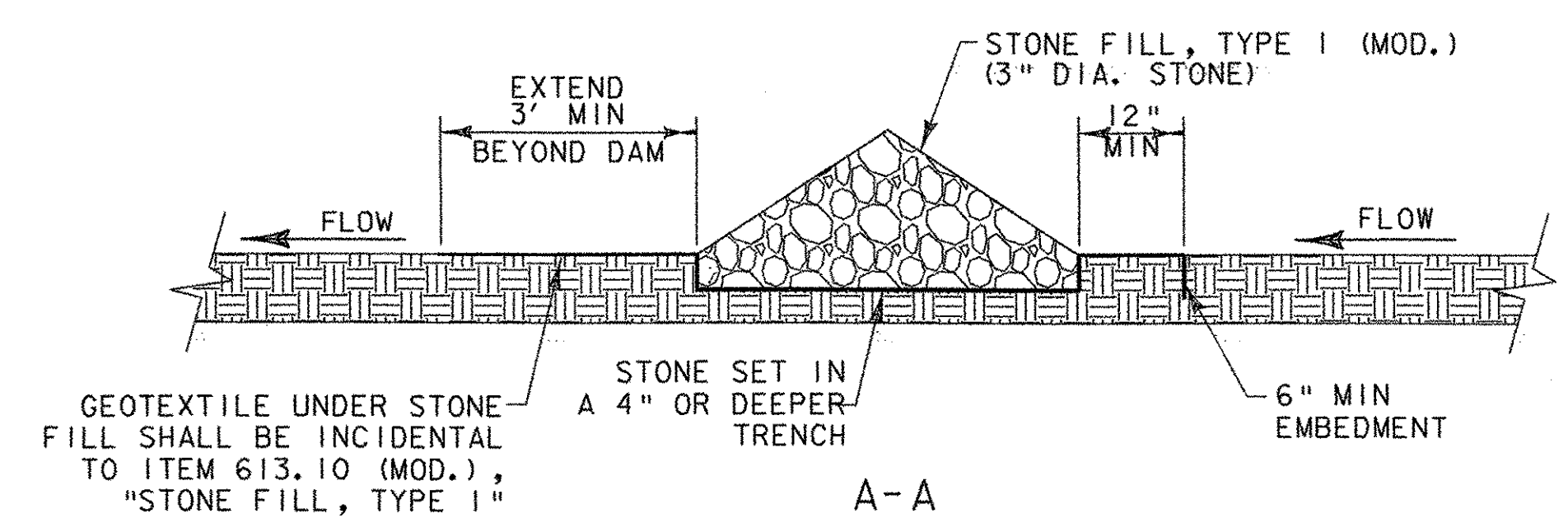
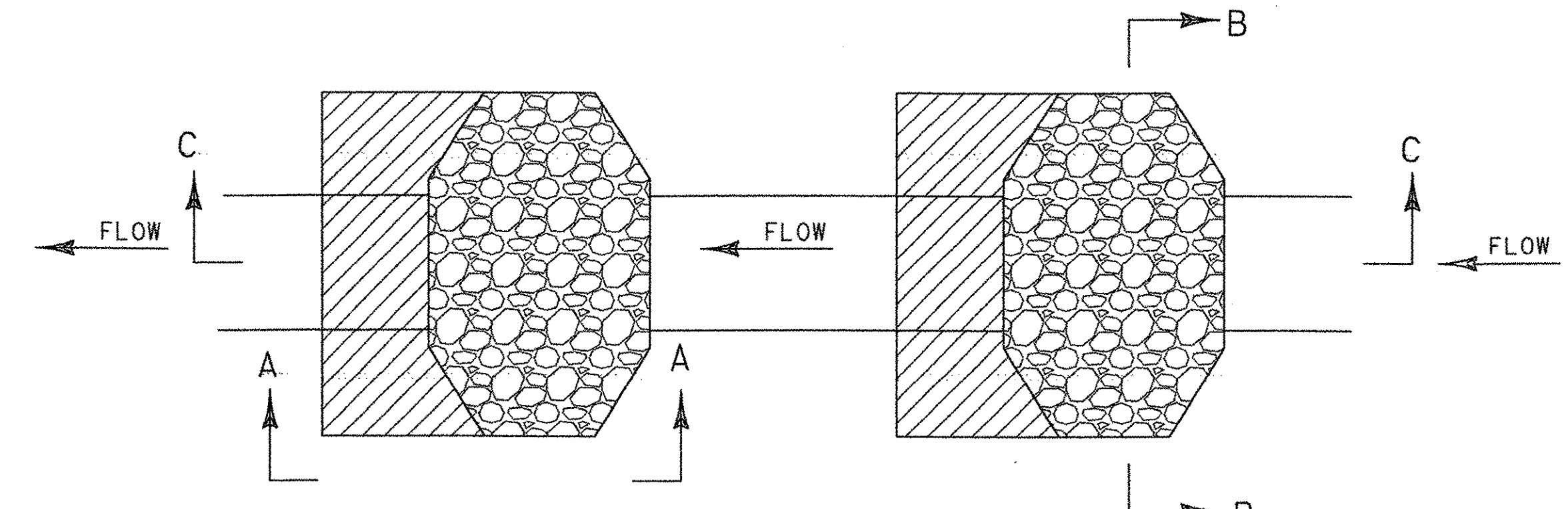
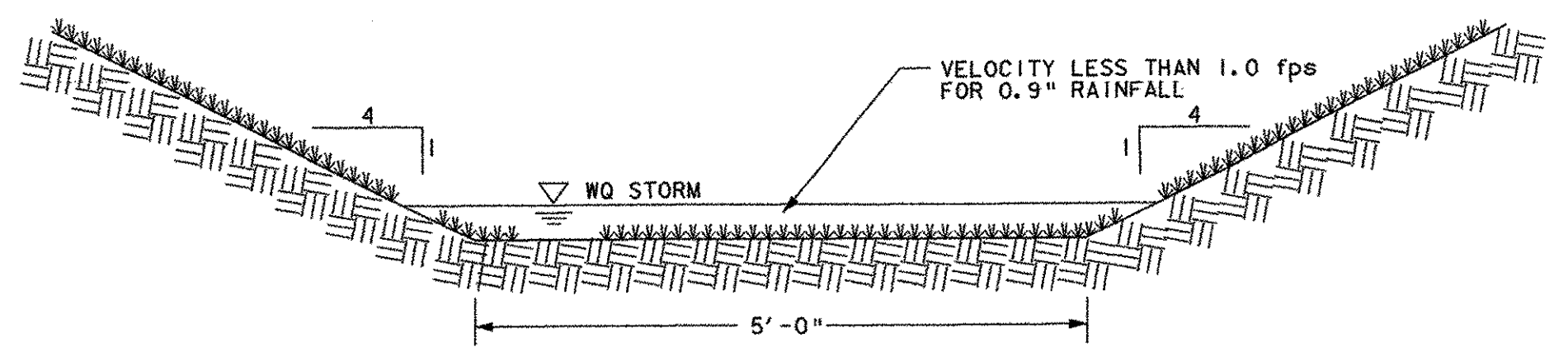


PROJECT NAME: FRANKLIN COUNTY AIRPORT  
 PROJECT NUMBER: AIR 04-3170  
 FILE NAME: ...z000runwaymarking.dgn PLOT DATE: 04/06/2004  
 PROJECT LEADER: MLC DRAWN BY: JDO  
 DESIGNED BY: MLC CHECKED BY: DPD  
**RUNWAY MARKING PLAN** SHEET 10 OF 17



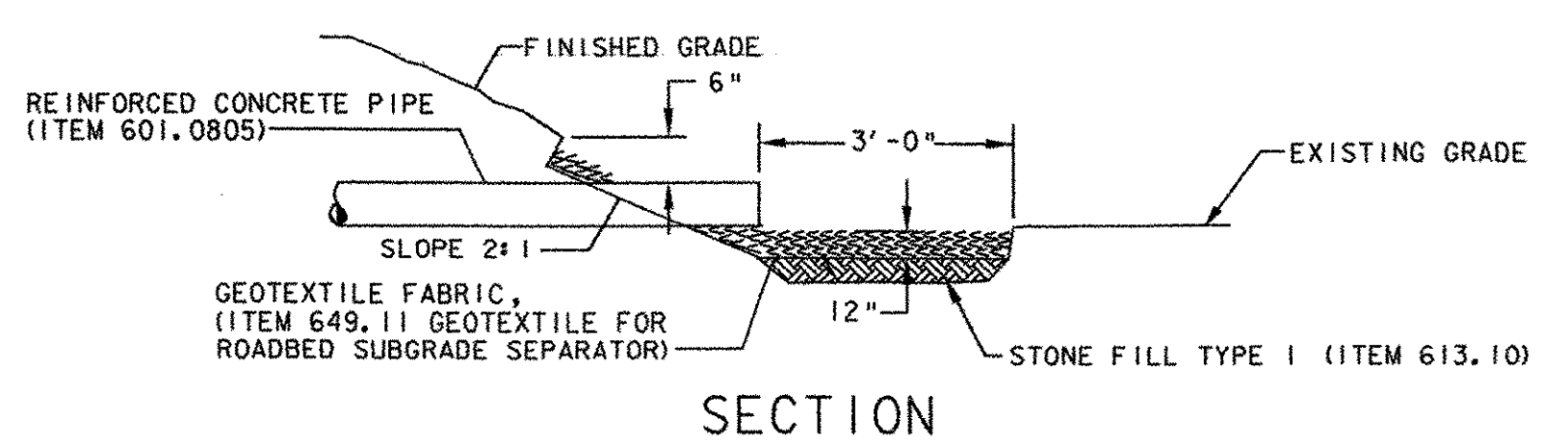
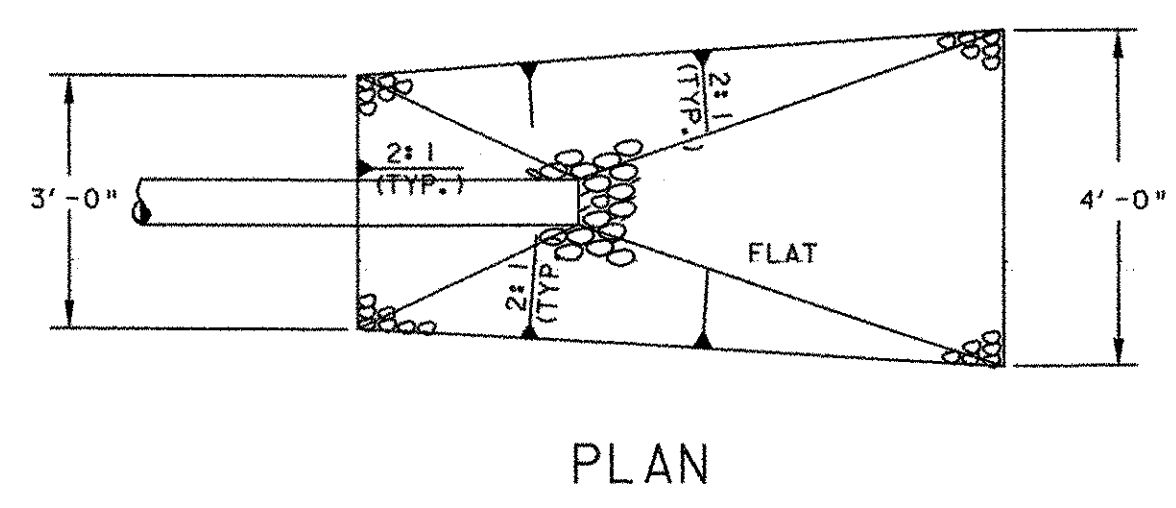
- NOTES:
1. ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS TRACKING PADS SHALL BE PIPED UNDER THE PAD, MAINTAINING POSITIVE DRAINAGE. WHEN THE PAD IS LOCATED AT THE HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE WILL NOT BE NECESSARY. PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED, AS DIRECTED BY THE ENGINEER. A 6" MINIMUM DIAMETER WILL BE REQUIRED AND WILL BE INCIDENTAL TO ITEM 301.25 SUBBASE OF CRUSHED GRAVEL (COURSE GRADED).
  2. A VEHICLE TRACKING PAD SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE, AS DIRECTED BY THE ENGINEER. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE PAD.

1 VEHICLE TRACKING PAD  
NOT TO SCALE



PLACE DOWNSTREAM STRUCTURE SUCH THAT TOP CENTER OF STRUCTURE IS APPROXIMATELY LEVEL WITH THE LOWEST GROUND ELEVATION OF THE UPSTREAM STRUCTURE

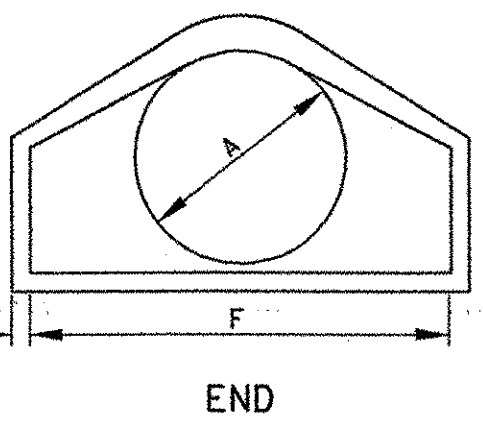
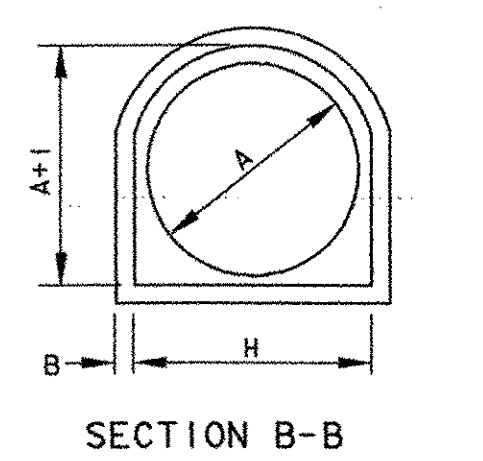
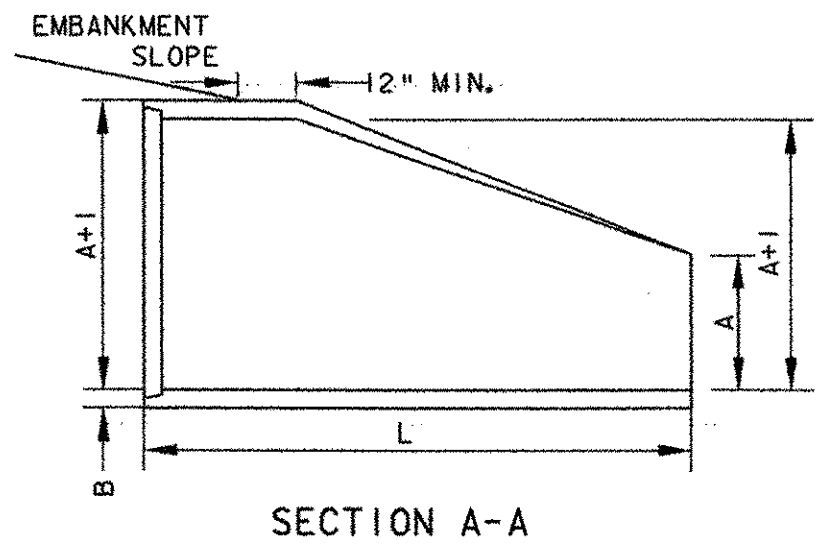
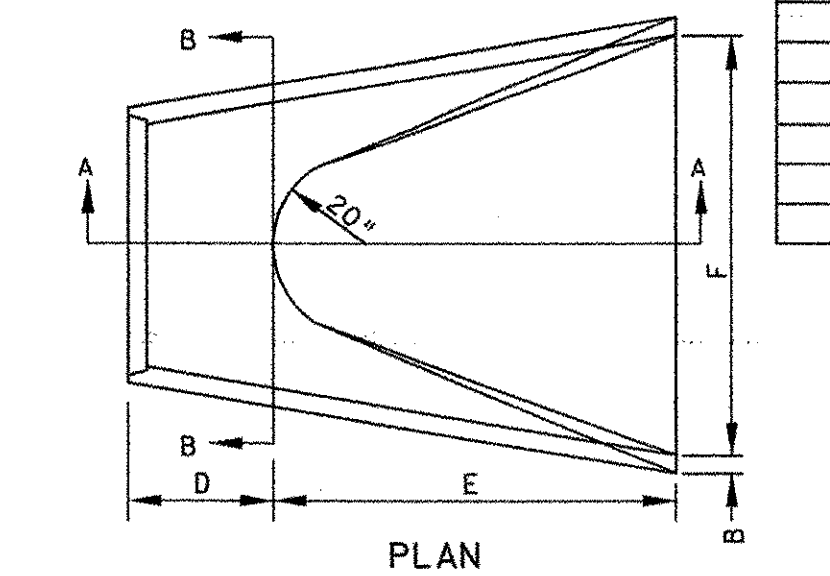
2 STONE CHECK DAMS  
NOT TO SCALE



NOTE:  
1. SEE SHEET 8 FOR LOCATION.

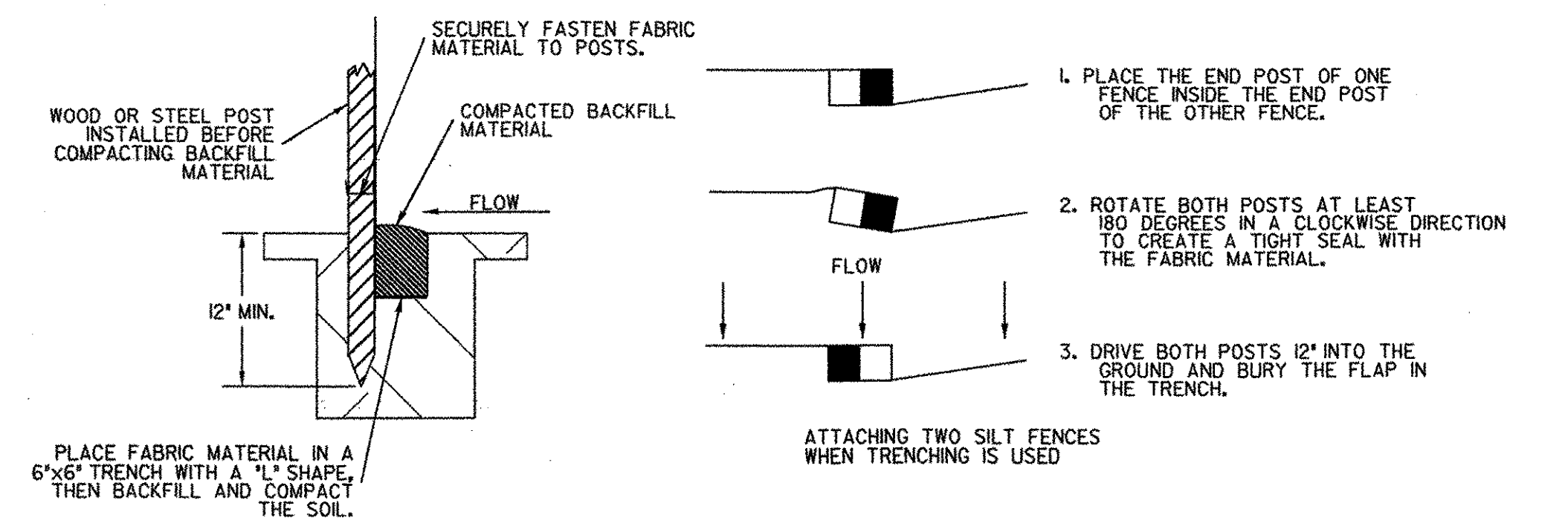
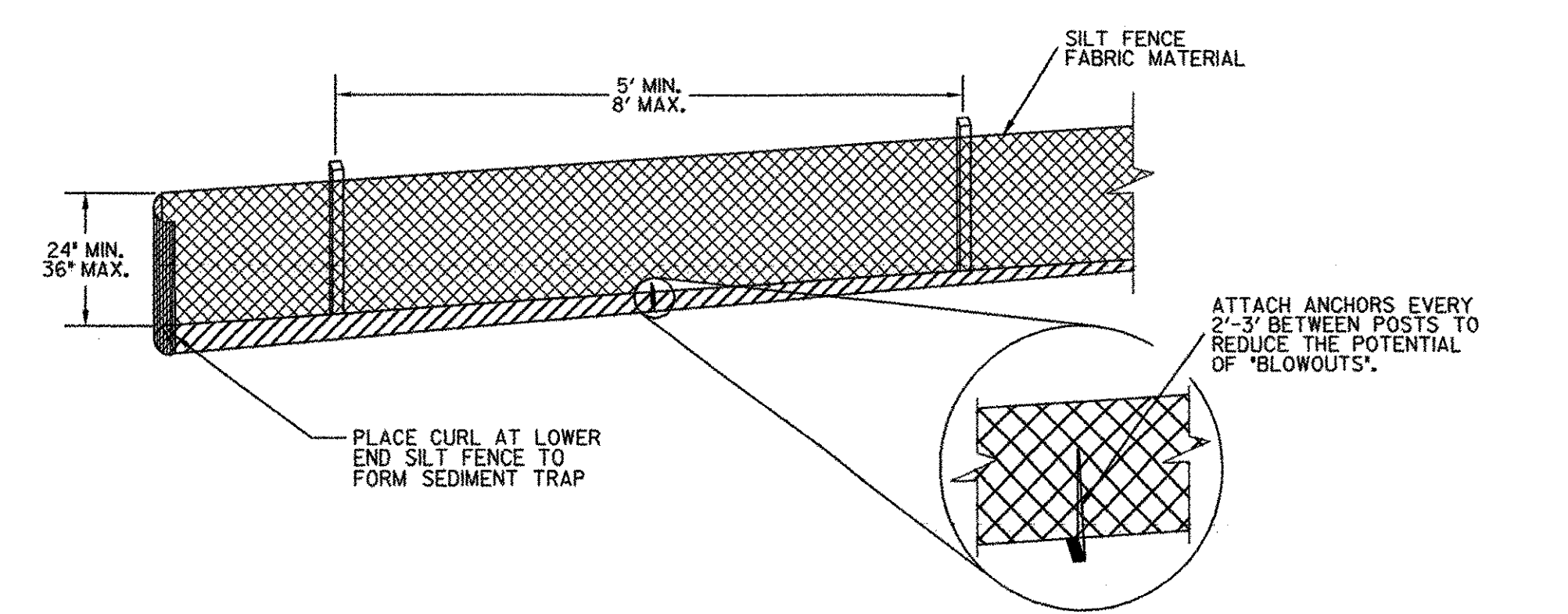
5 RIPRAP OUTFALL  
NO SEPARATE PAY ITEM

DIMENSION	PIPE DIA. (RCP)					
	12"	15"	18"	24"	36"	48"
A	12"	15"	18"	24"	36"	48"
B	2.0"	2.4"	2.5"	3"	4"	5"
D	49"	48"	46"	30"	35"	36"
E	24"	27"	27"	44"	63"	72"
F	24"	30"	36"	48"	72"	87"
H	20"	25"	29"	33"	48"	60"
L	73"	76"	73"	73"	98"	98"



NOTE:  
1. SEE SHEET 8 FOR LOCATION.

3 REINFORCED CONCRETE PIPE END SECTION (ITEM 601.6810)  
NOT TO SCALE



6 SILTATION FENCE DETAIL  
NOT TO SCALE



PROJECT NAME: FRANKLIN COUNTY AIRPORT  
PROJECT NUMBER: AIR 04-3170  
FILE NAME: ...z000frm.dgn  
PLOT DATE: 04/06/2004  
PROJECT LEADER: MLC  
DRAWN BY: JDO  
DESIGNED BY: MLC  
CHECKED BY: DPD  
DRAINAGE AND EROSION DETAILS  
SHEET 11 OF 17

**CABLE DESIGNATION**

# OF CABLES  
 2 E - EDGE LIGHTING (#8, 5kV)  
 L 824-C R - REIL (#6, 600V)

**SYMBOLS**

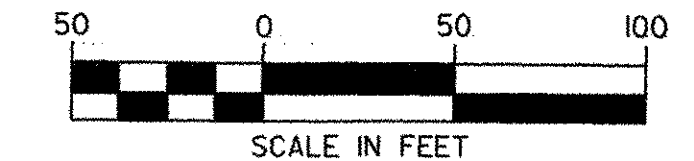
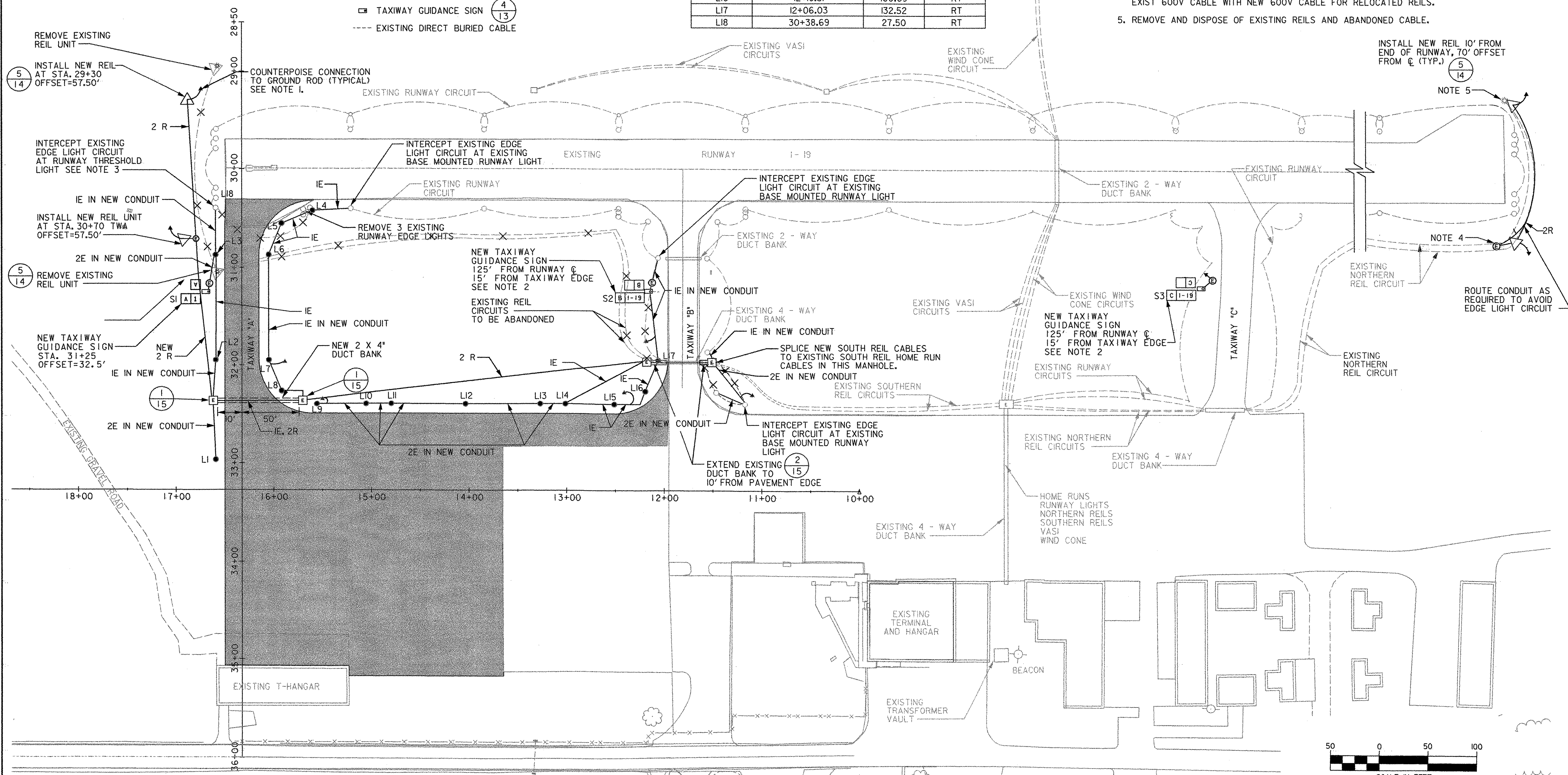
- ▲ EXOTHERMIC WELD @ GROUND ROD
- Ⓜ ELECTRICAL MANHOLE (AIRCRAFT LOAD RATED)
- Ⓢ ELECTRICAL HANDHOLE
- EXISTING RUNWAY OR TAXIWAY EDGE LIGHT
- NEW EDGE LIGHT BASE MOUNTED
- ⊛ EXISTING REIL
- △ NEW REIL
- NEW 2" PVC CONDUIT
- Ⓜ TAXIWAY GUIDANCE SIGN
- EXISTING DIRECT BURIED CABLE

**LIGHTING LAYOUT TABLE**

NUMBER	STATION	OFFSET	SIDE
L1	32+96.41	27.50	RT
L2	31+94.51	27.50	RT
L3	30+86.67	27.50	RT
L4	30+41.68	72.50	LT
L5	30+54.91	40.63	LT
L6	30+86.67	27.50	LT
L7	31+94.51	27.50	LT
L8	32+26.29	40.60	LT
L9	15+59.85	87.50	RT
L10	15+09.85	87.50	RT
L11	14+82.52	87.50	RT
L12	14+05.50	87.50	RT
L13	13+28.32	87.50	RT
L14	13+01.15	87.50	RT
L15	12+51.15	87.50	RT
L16	12+19.31	100.69	RT
L17	12+06.03	132.52	RT
L18	30+38.69	27.50	RT

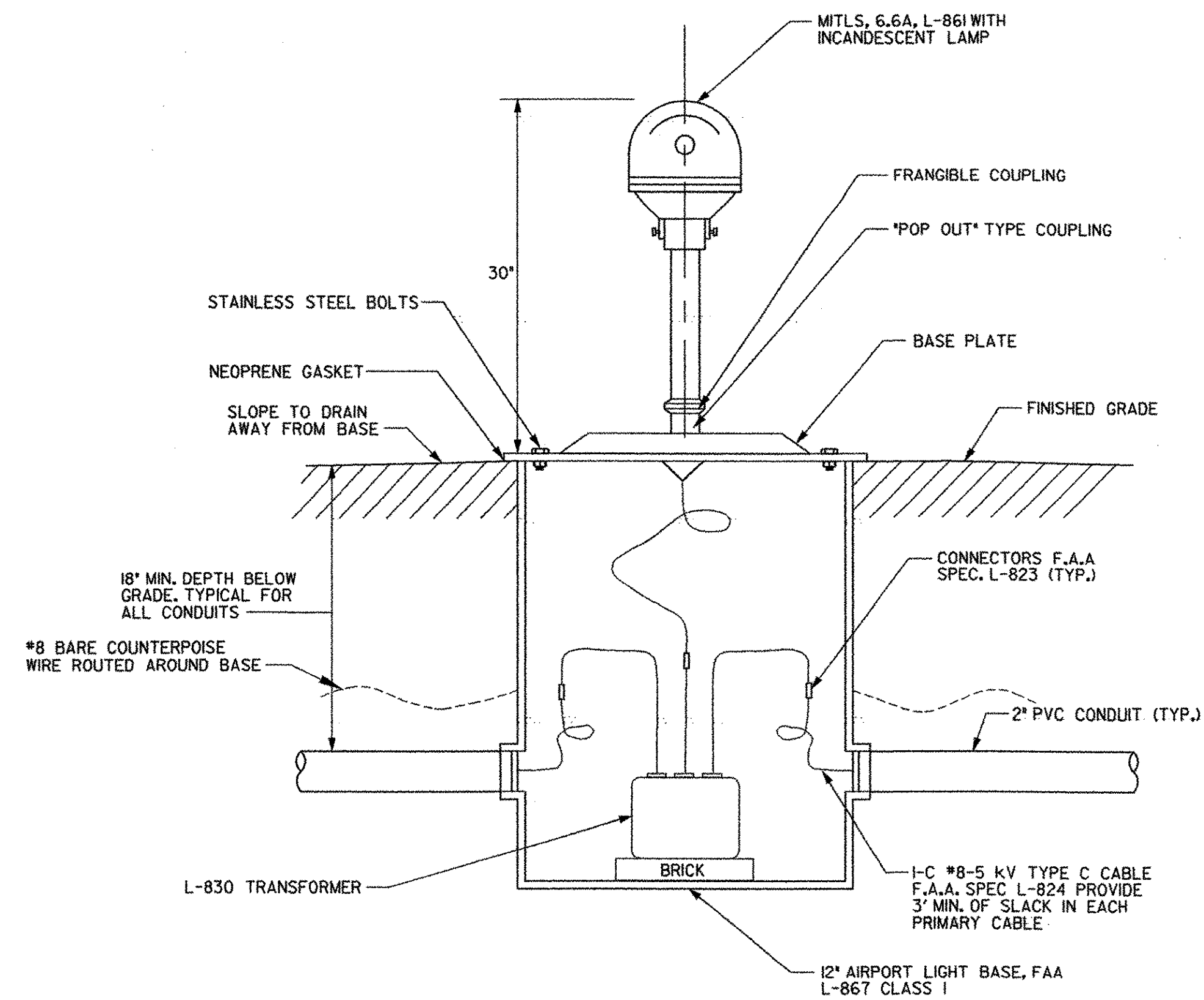
**NOTE:**

1. EXOTHERMIC WELD #8 BSDC COUNTERPOISE CABLE TO 3/4" x 8" C/C GROUND ROD AT LOCATIONS SHOWN. SEE SYMBOLS AND AT INTERVALS NOT TO EXCEED 300'.
2. EXISTING SIGN AND BASE TO BE REMOVED. TURN SIGN OVER TO OWNER. DISPOSE OF BASE.
3. REPLACE EXISTING STAKE MOUNTED RUNWAY THRESHOLD LIGHT WITH NEW BASE MOUNTED RUNWAY THRESHOLD LIGHT AND TRANSFORMER.
4. INTERCEPT EXISTING 2-1/C #6 600V REIL CABLES AT LOCATION OF EXISTING REIL UNIT. INSTALL NEW HANDHOLE AND SPLICE EXIST 600V CABLE WITH NEW 600V CABLE FOR RELOCATED REILS.
5. REMOVE AND DISPOSE OF EXISTING REILS AND ABANDONED CABLE.

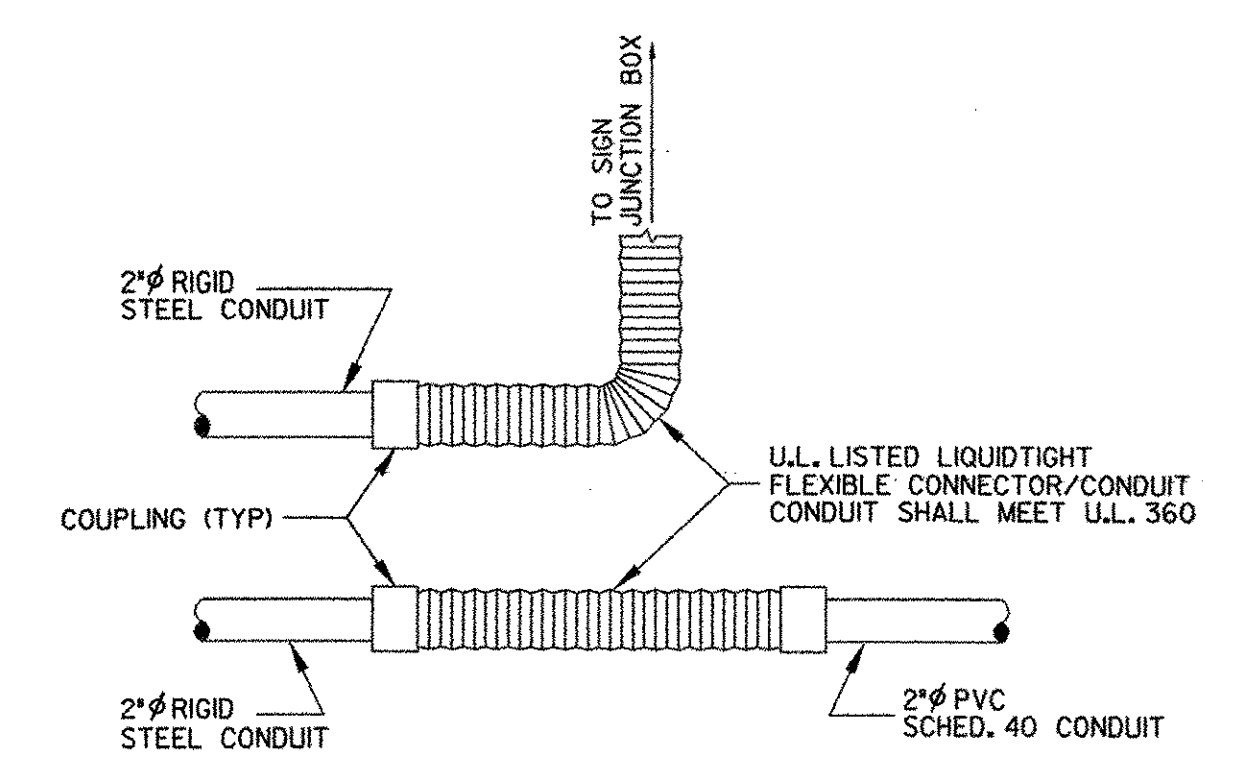


PROJECT NAME: FRANKLIN COUNTY AIRPORT  
 PROJECT NUMBER: AIR 04-3170  
 FILE NAME: ...z000electrical.dgn  
 PROJECT LEADER: MLC  
 DESIGNED BY: MLC  
**ELECTRICAL PLAN**

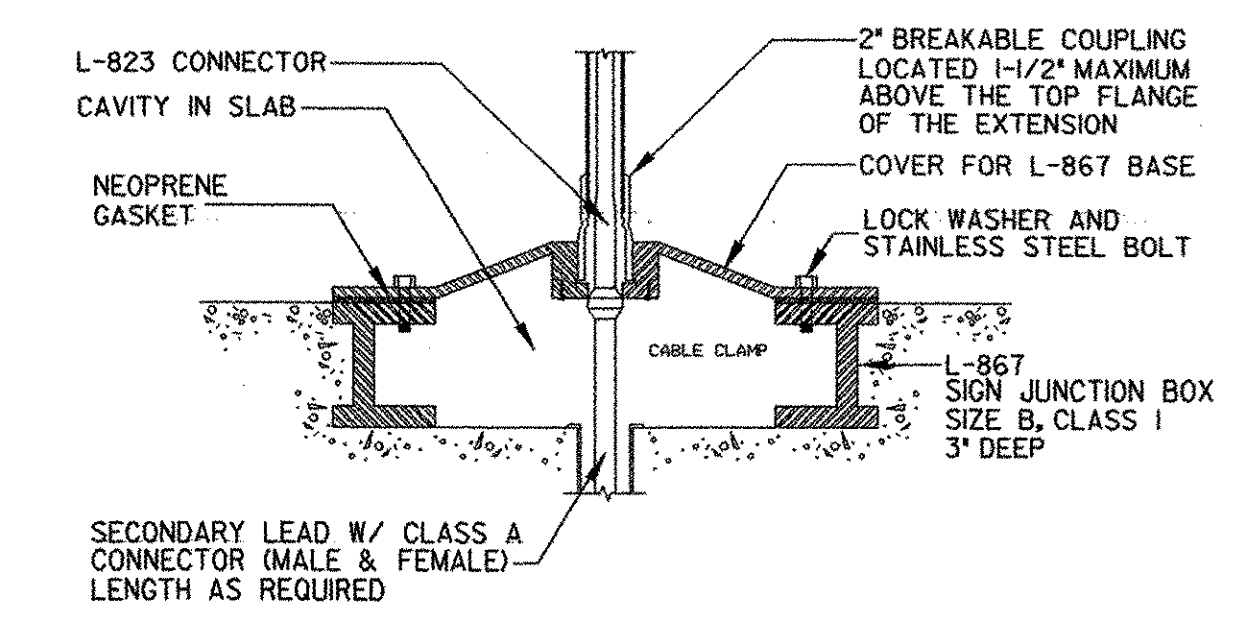
PLOT DATE: 04/06/2004  
 DRAWN BY: JDO  
 CHECKED BY: DPD  
 SHEET 12 OF 17



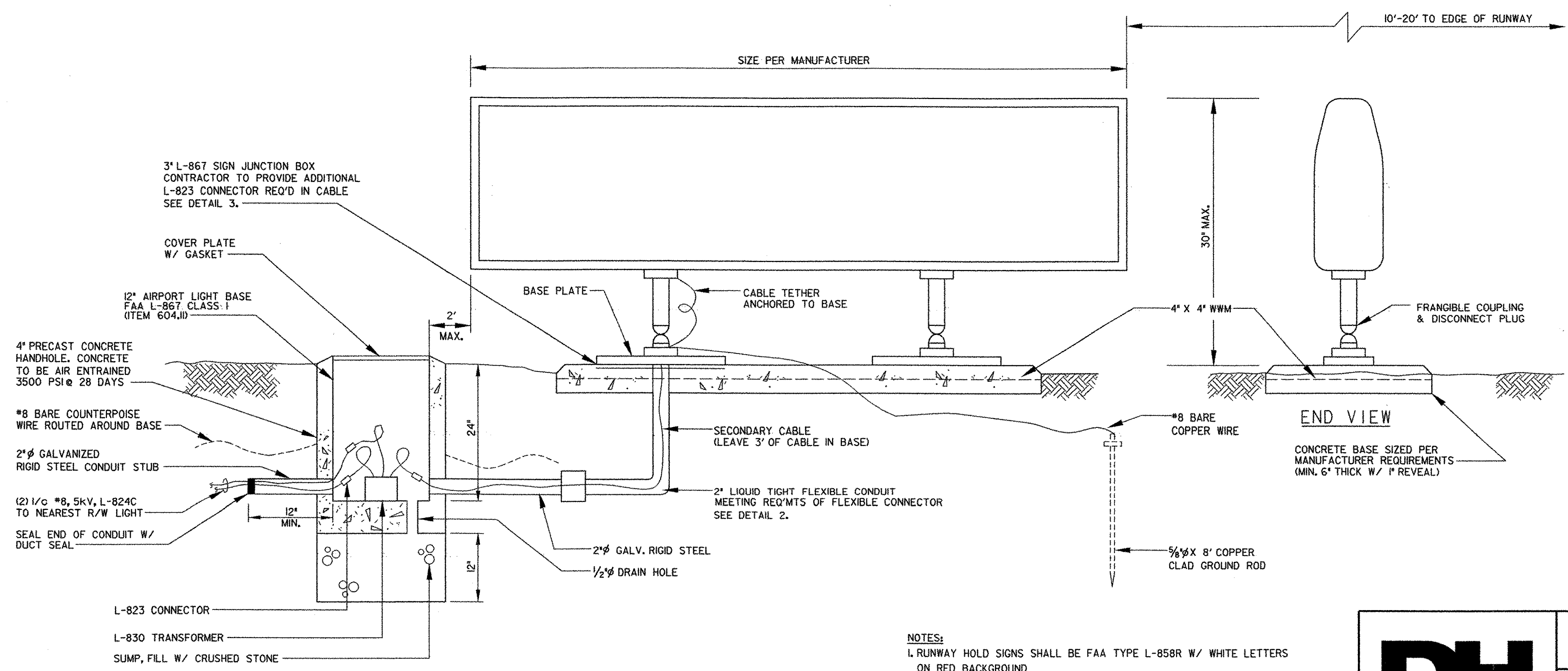
1 BASE MOUNTED LIGHT (ITEM 864.11)  
NOT TO SCALE



2 FLEXIBLE CONNECTOR / CONDUIT  
NOT TO SCALE



3 L-867 SIGN JUNCTION BOX  
NOT TO SCALE

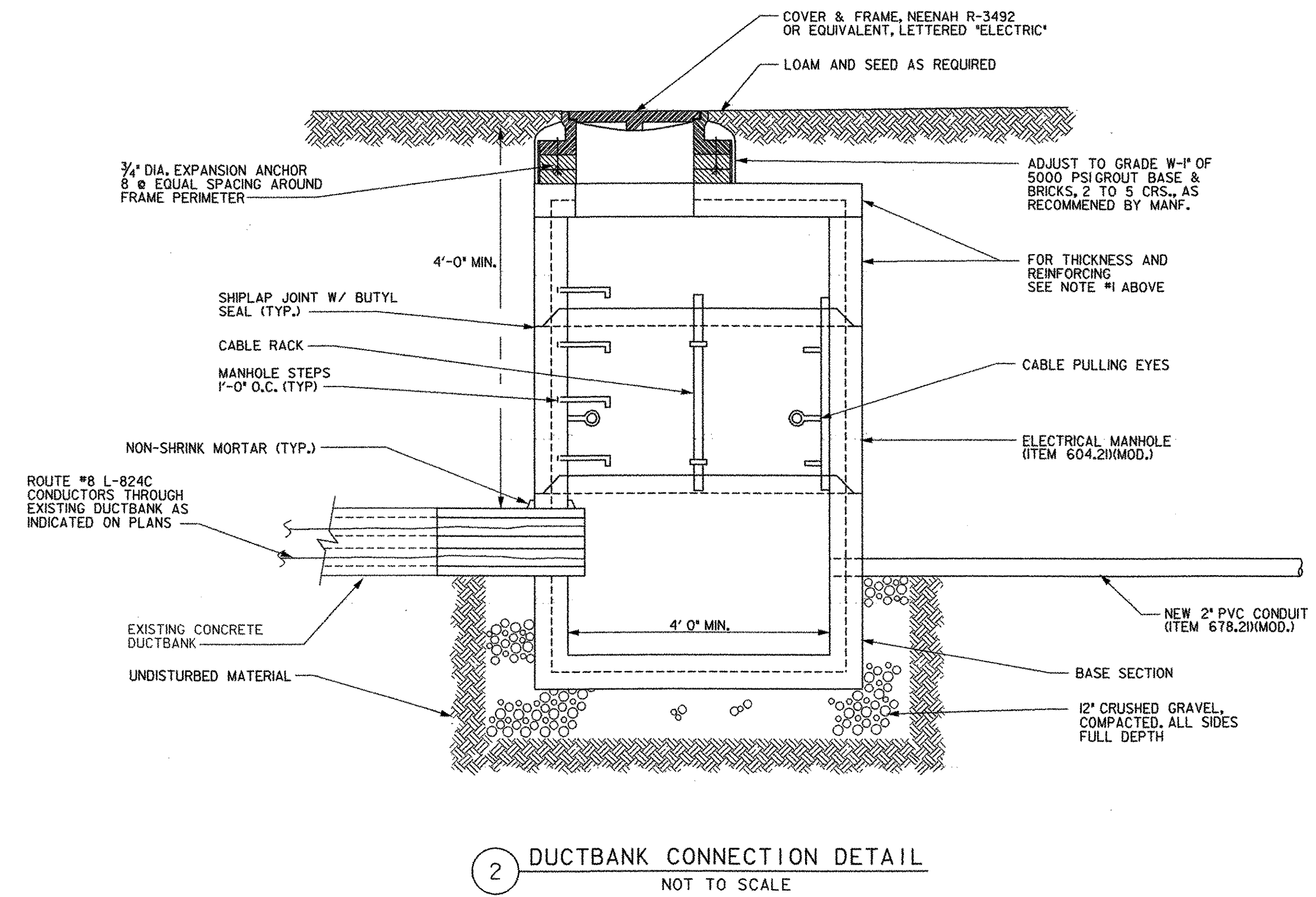
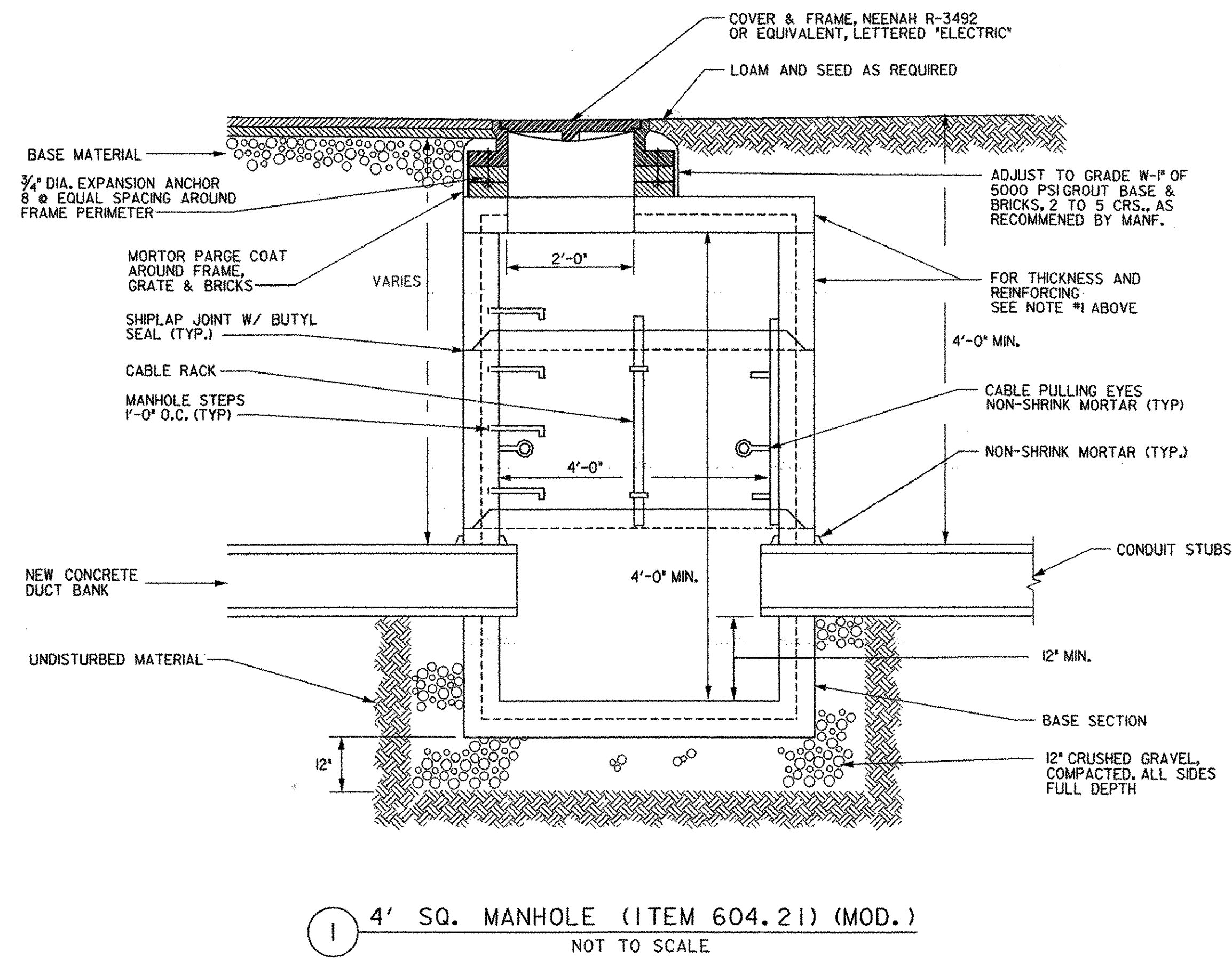
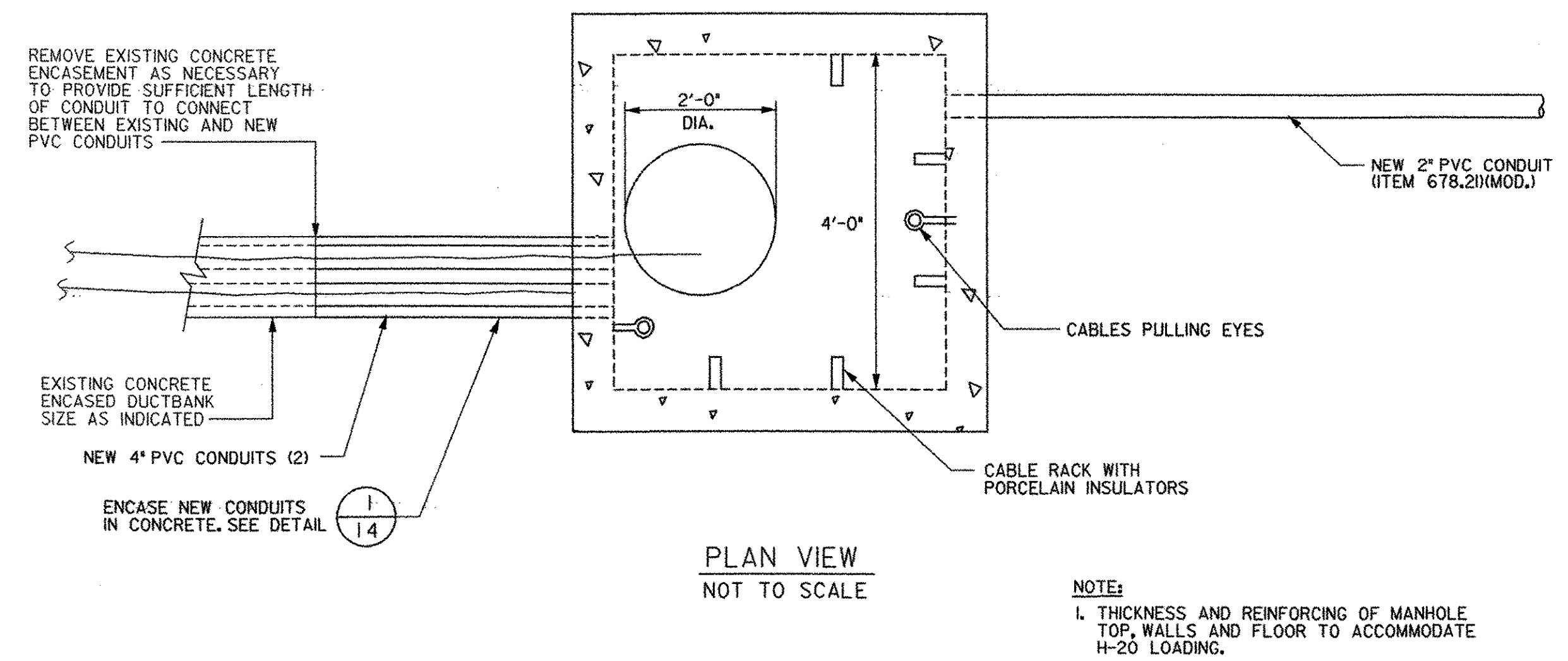
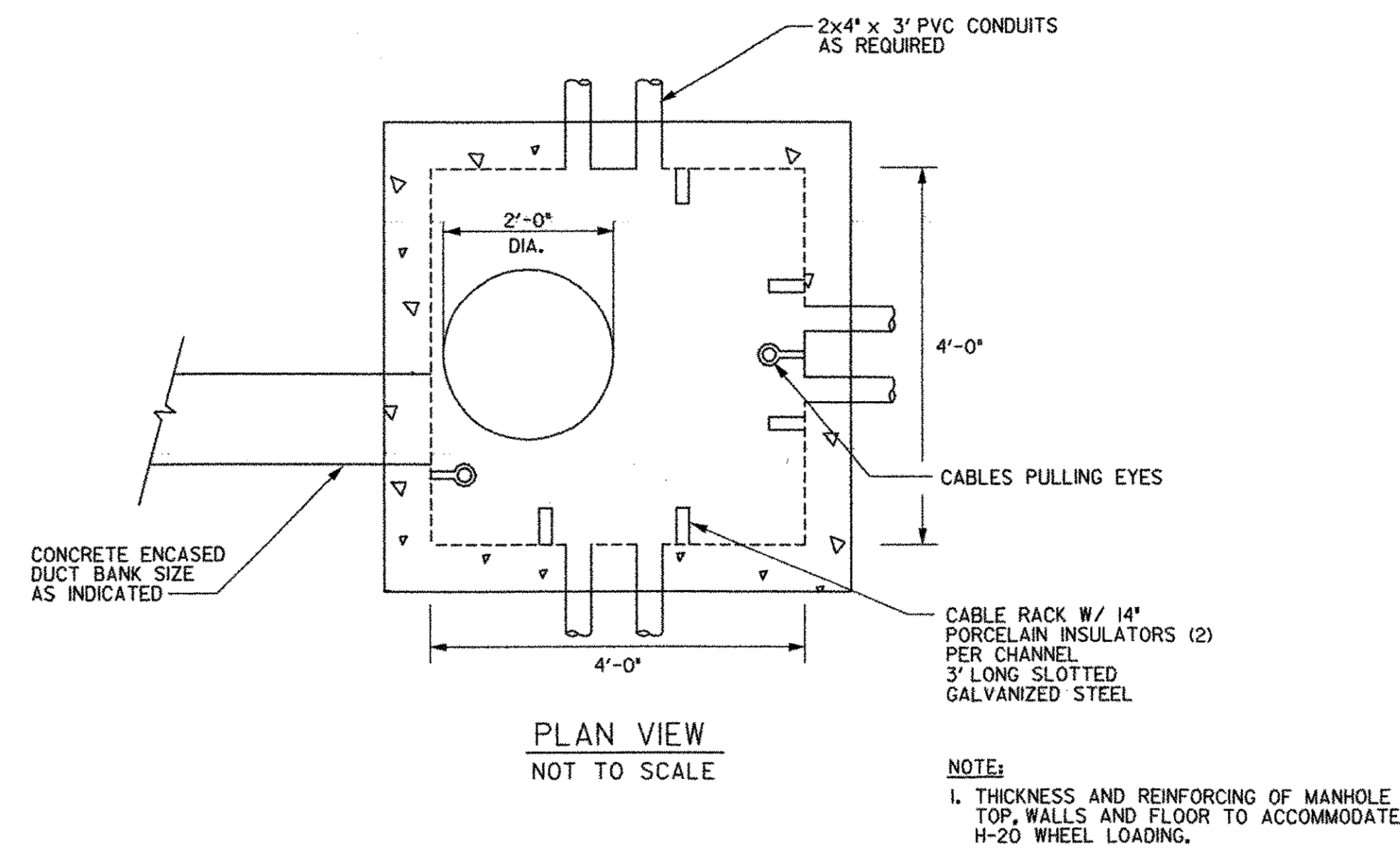


4 TAXIWAY GUIDANCE SIGN (ITEM 864.14)  
NOT TO SCALE

NOTES:  
1. RUNWAY HOLD SIGNS SHALL BE FAA TYPE L-858R W/ WHITE LETTERS ON RED BACKGROUND  
SIZE 1; CLASS 2; STYLE 2; LOW VA; HIGH POWER FACTOR  
2. SEE SHEET 12 FOR LOCATIONS.

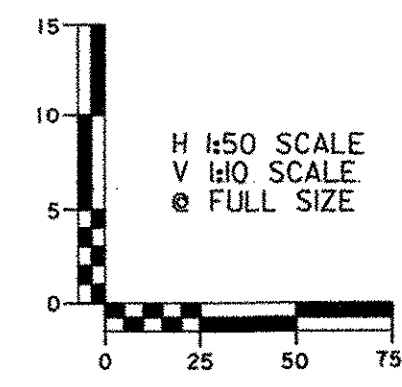
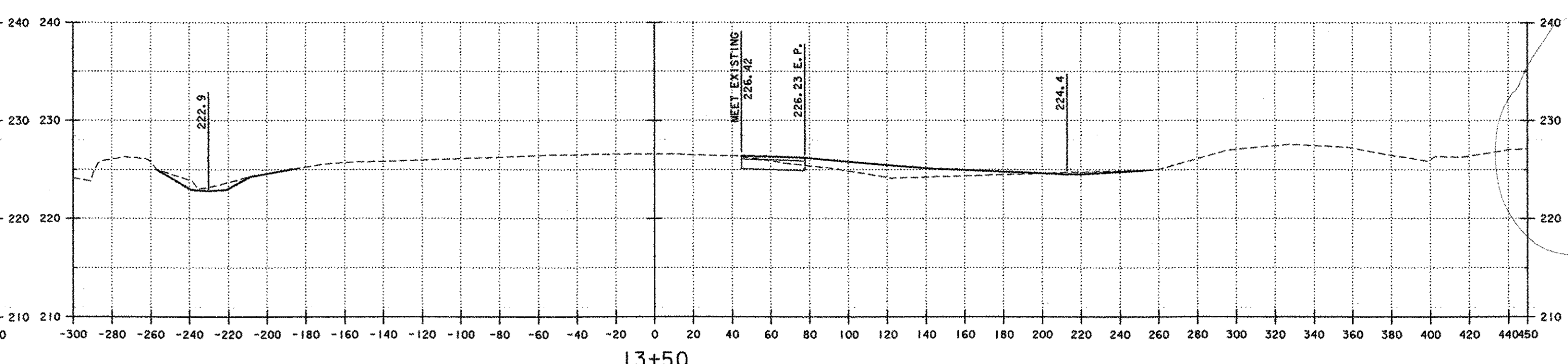
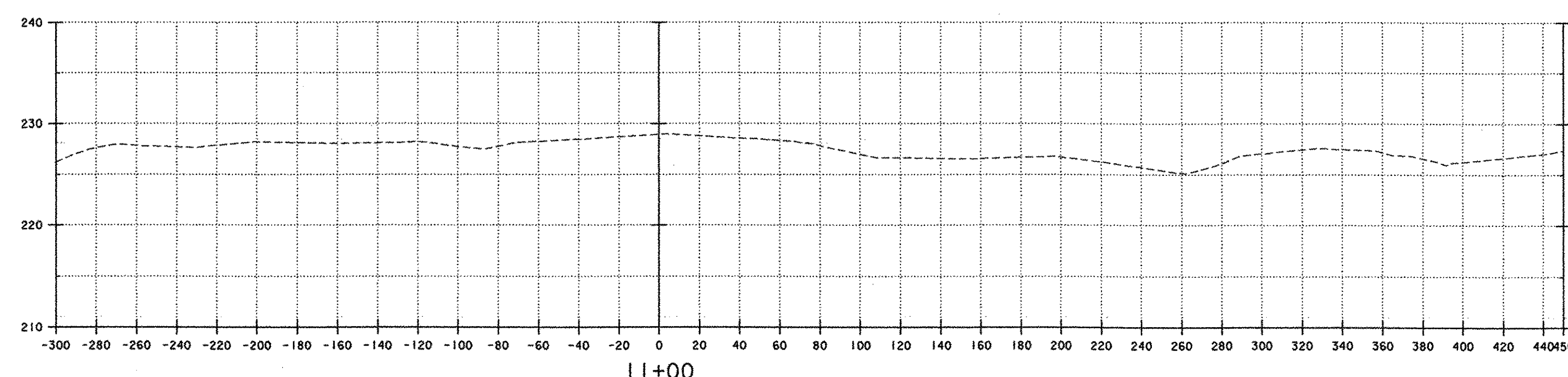
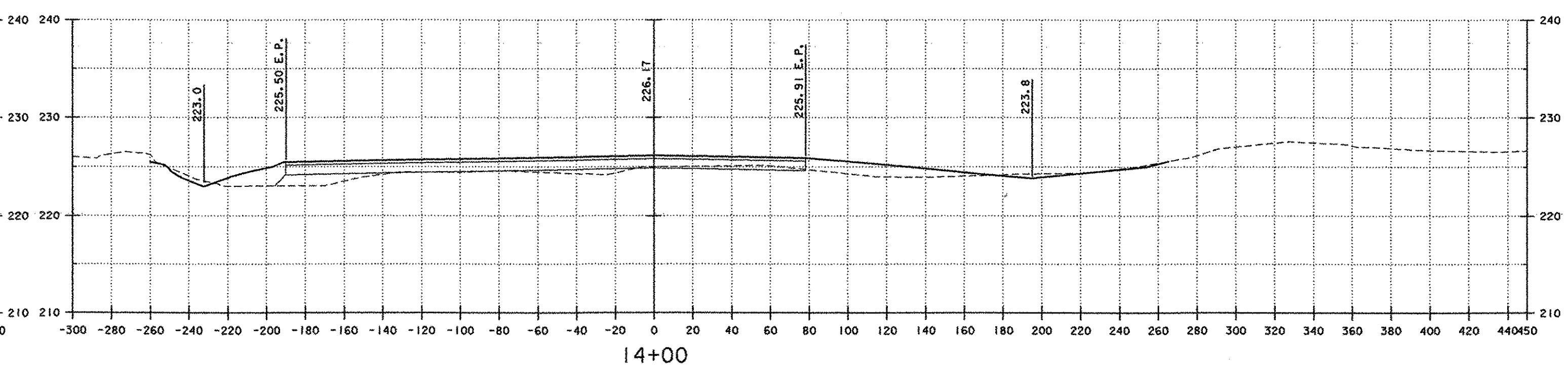
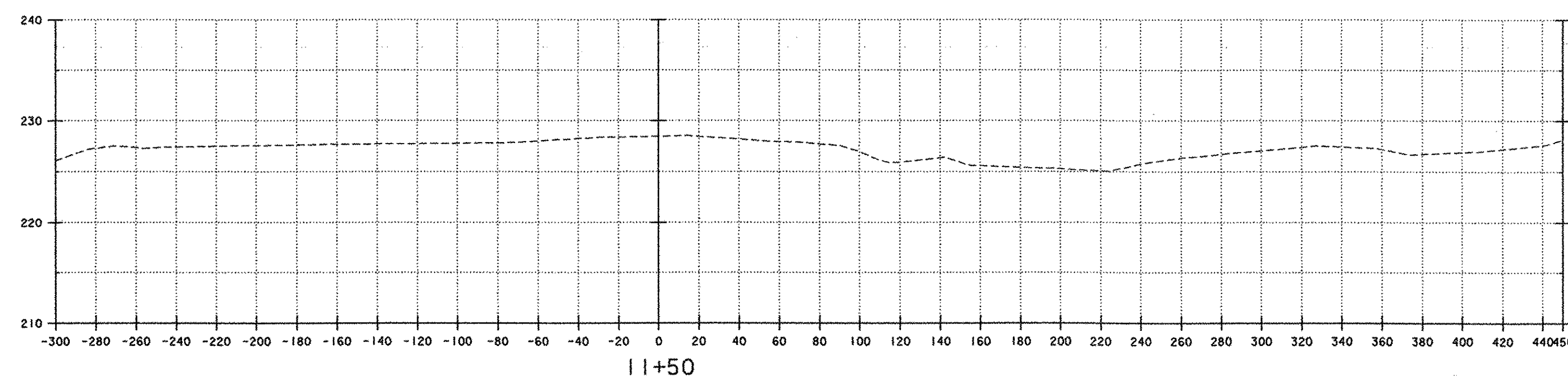
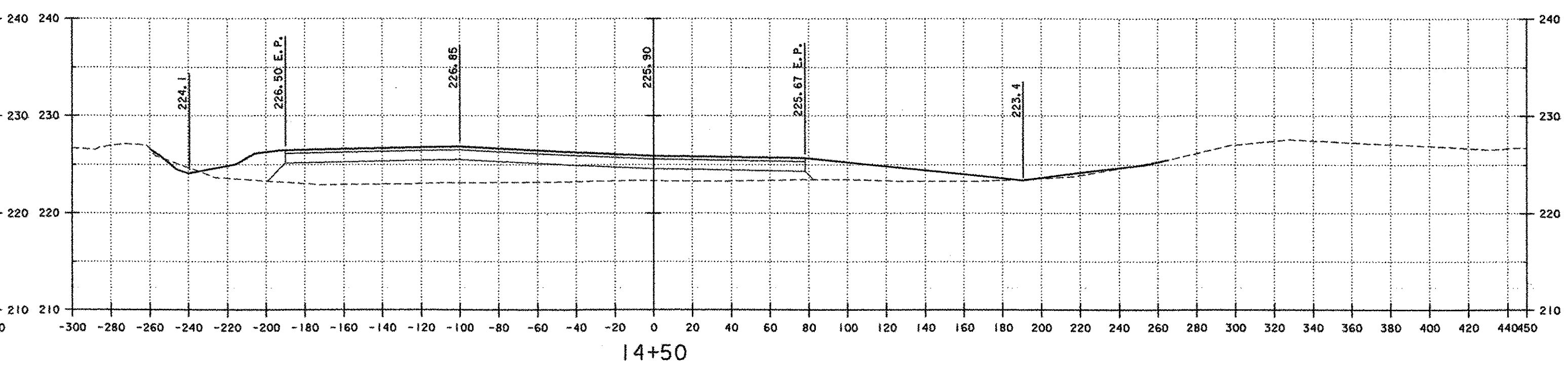
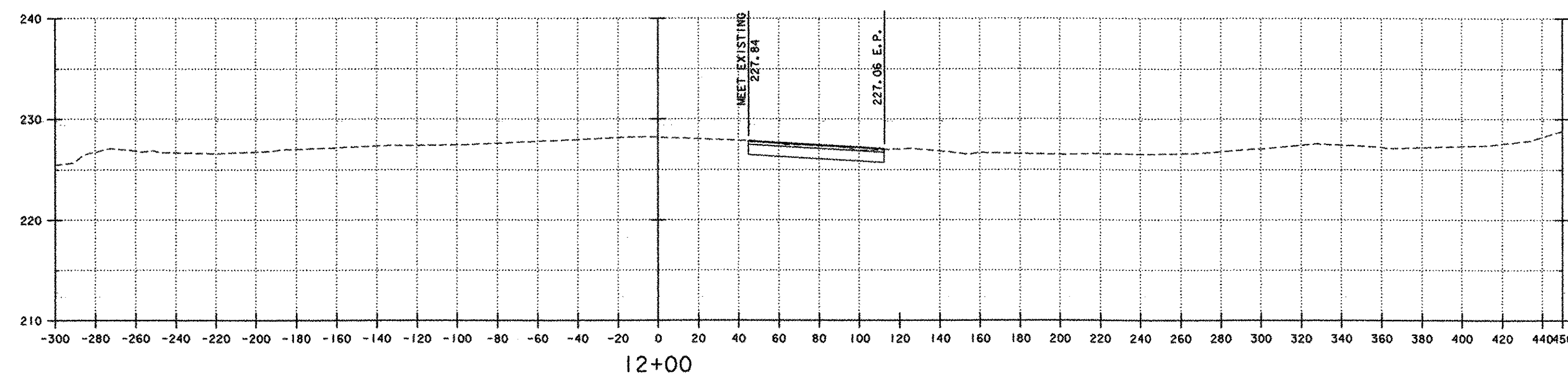
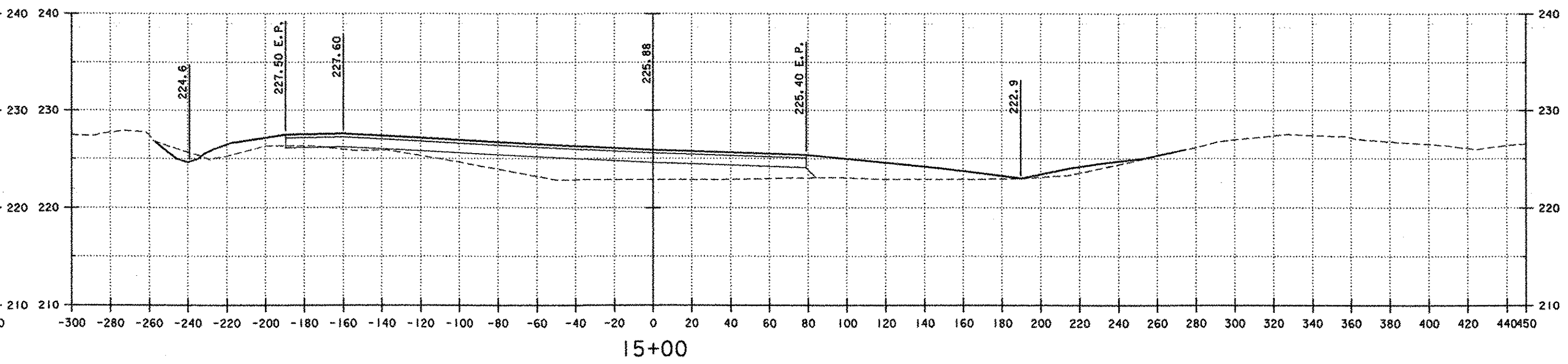
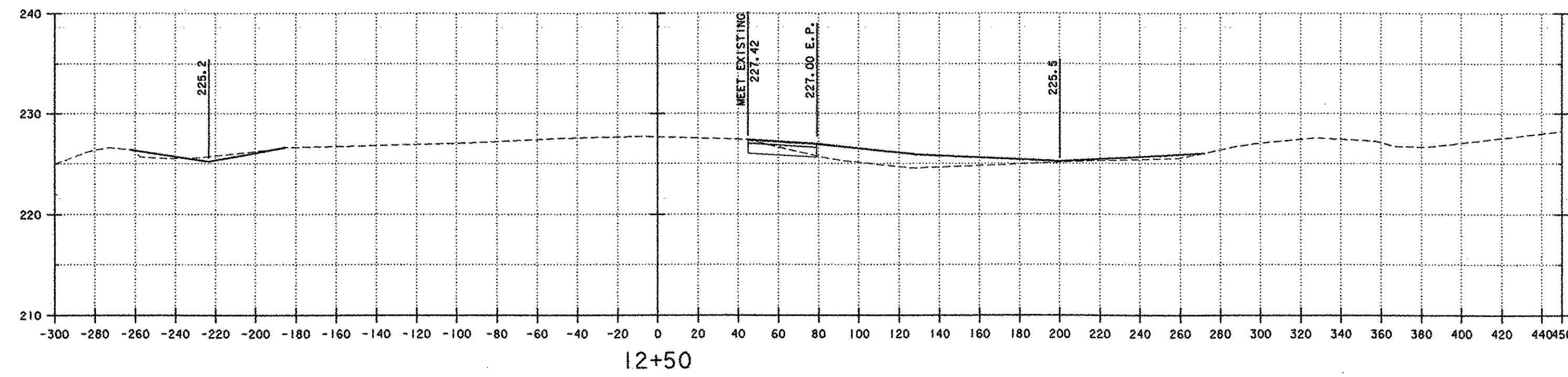
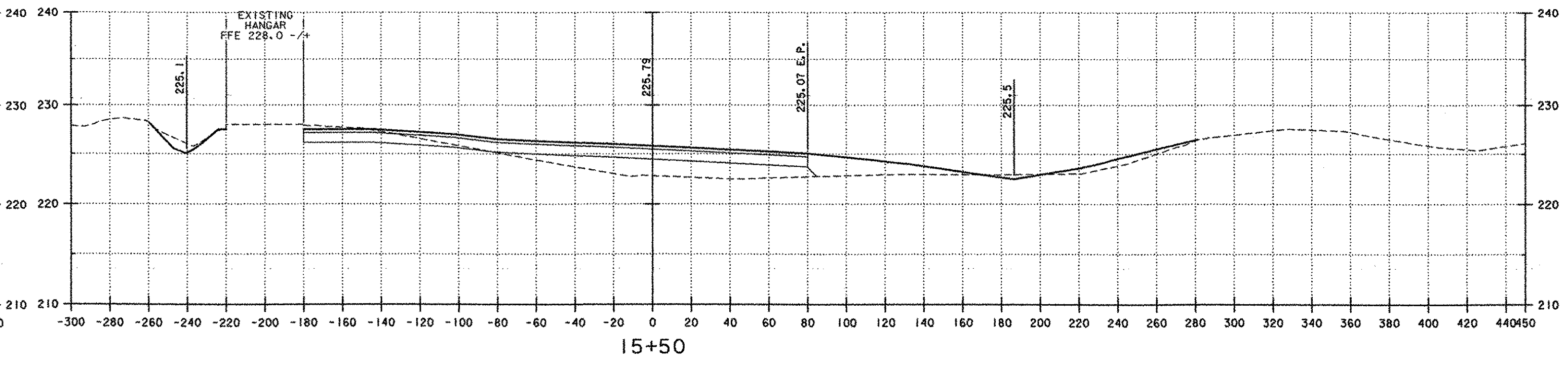
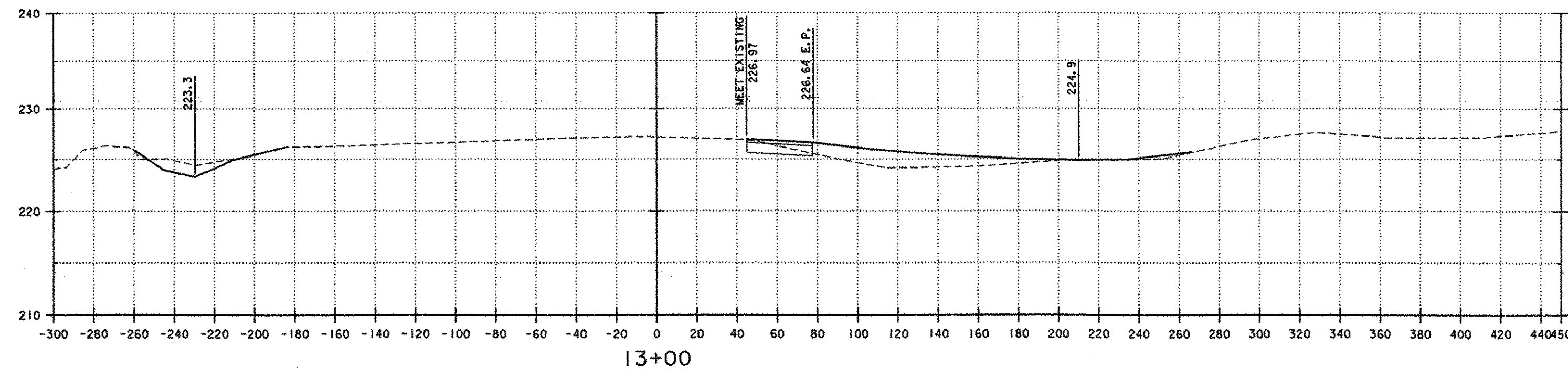
	PROJECT NAME: FRANKLIN COUNTY AIRPORT
	PROJECT NUMBER: AIR 04-3170
	FILE NAME: ...z000frm.dgn
	DESIGNED BY: MLC
	<b>ELECTRICAL DETAILS</b>
	PLOT DATE: 04/06/2004
	DRAWN BY: JDO
	CHECKED BY: DPD
	SHEET 13 OF 17



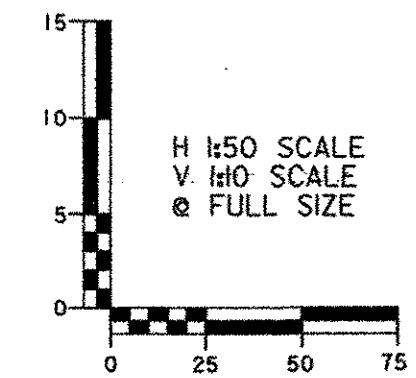
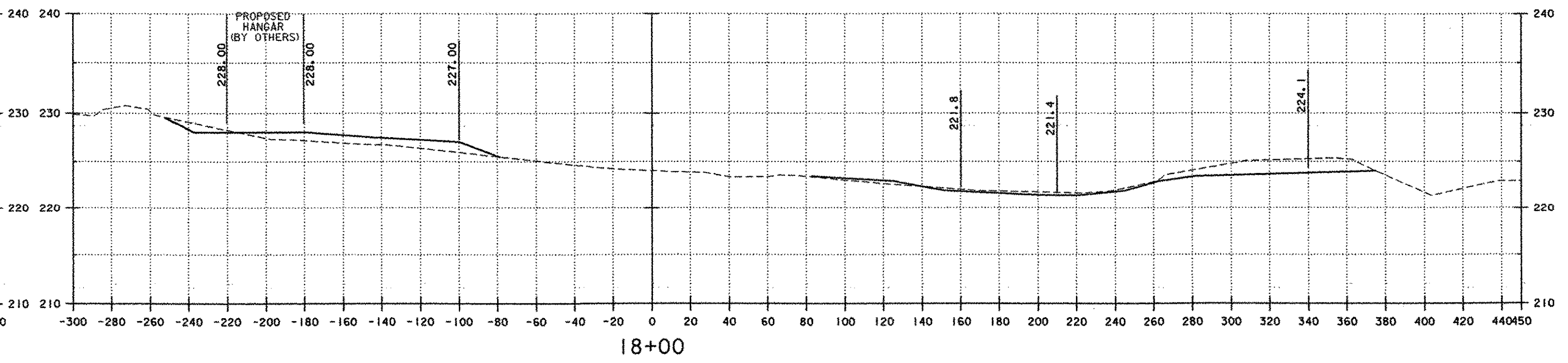
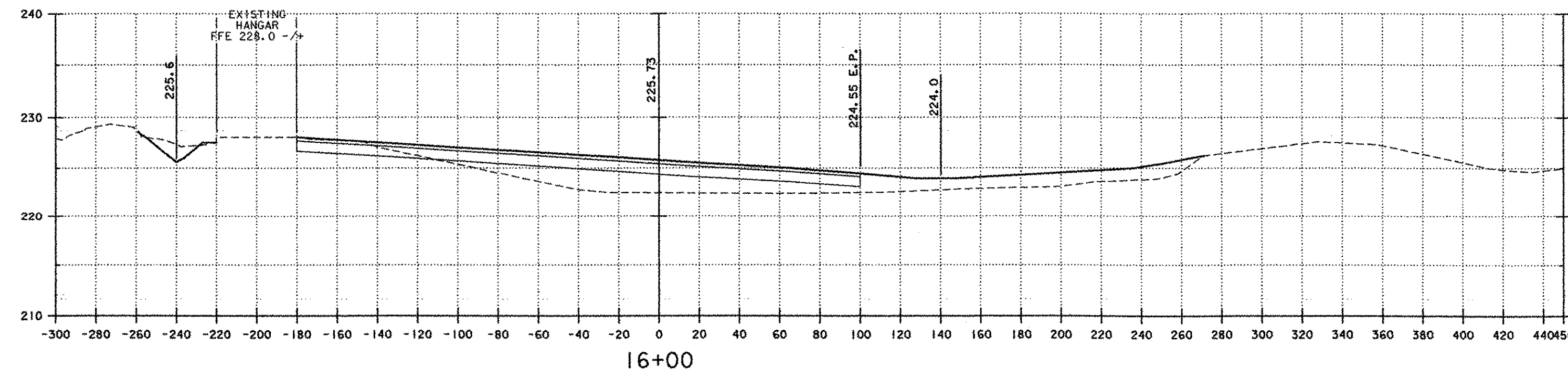
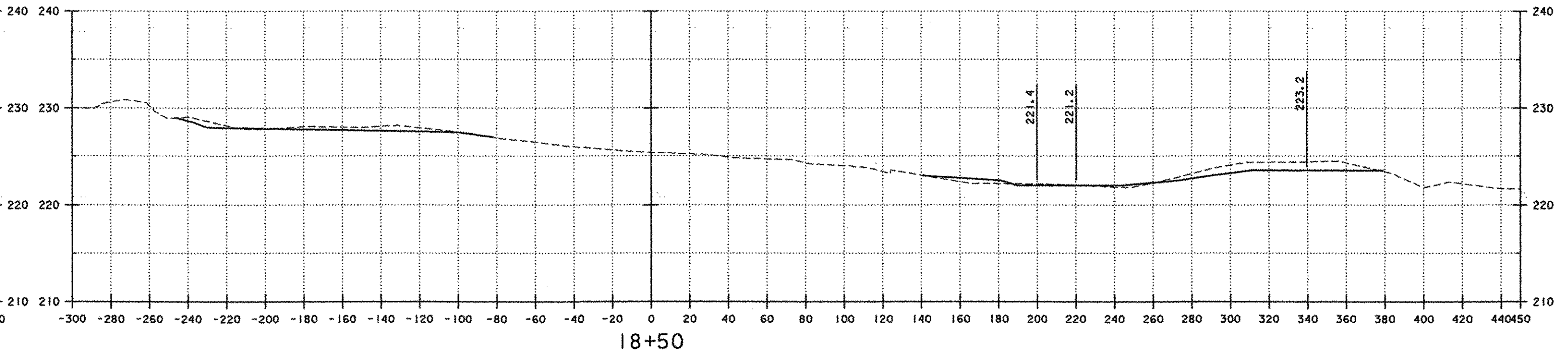
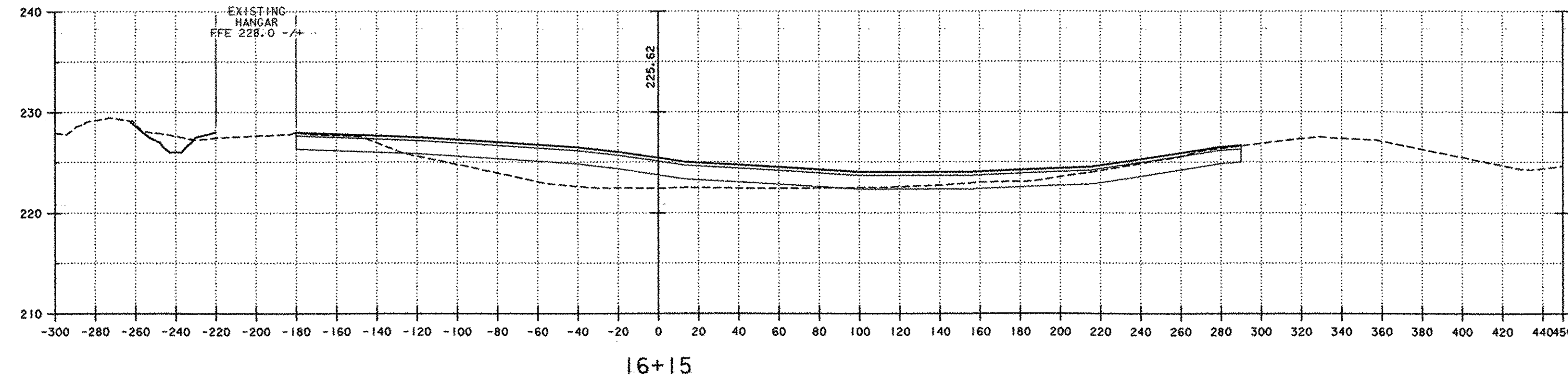
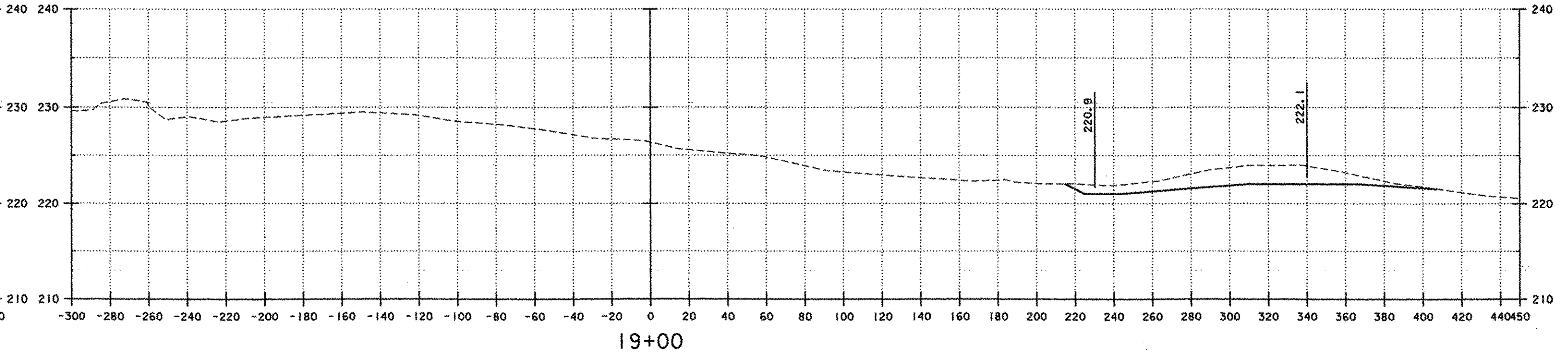
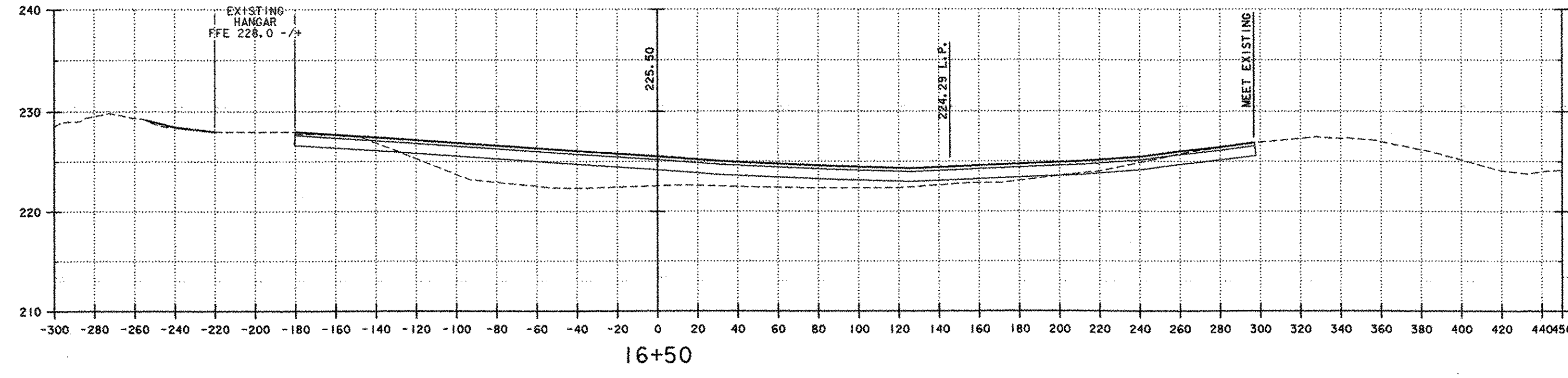
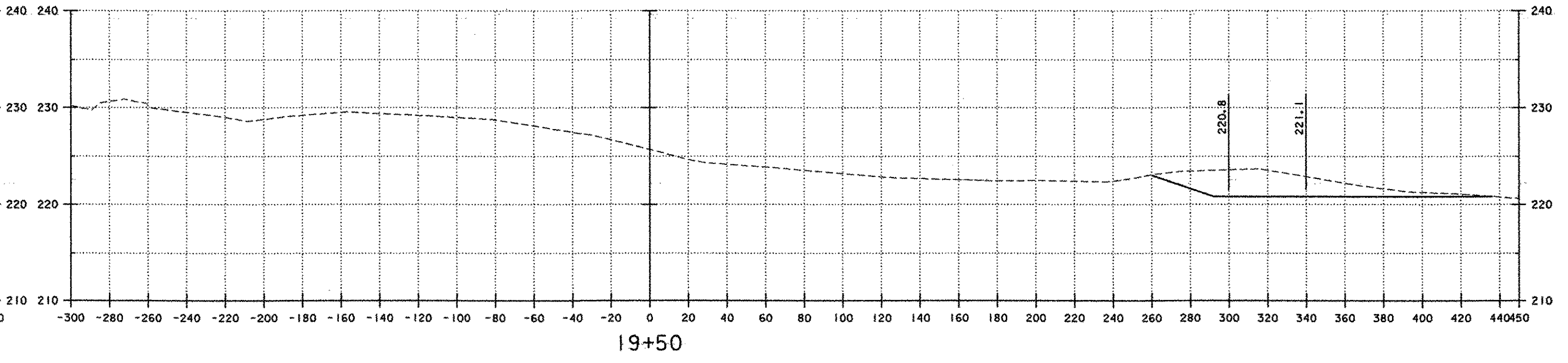
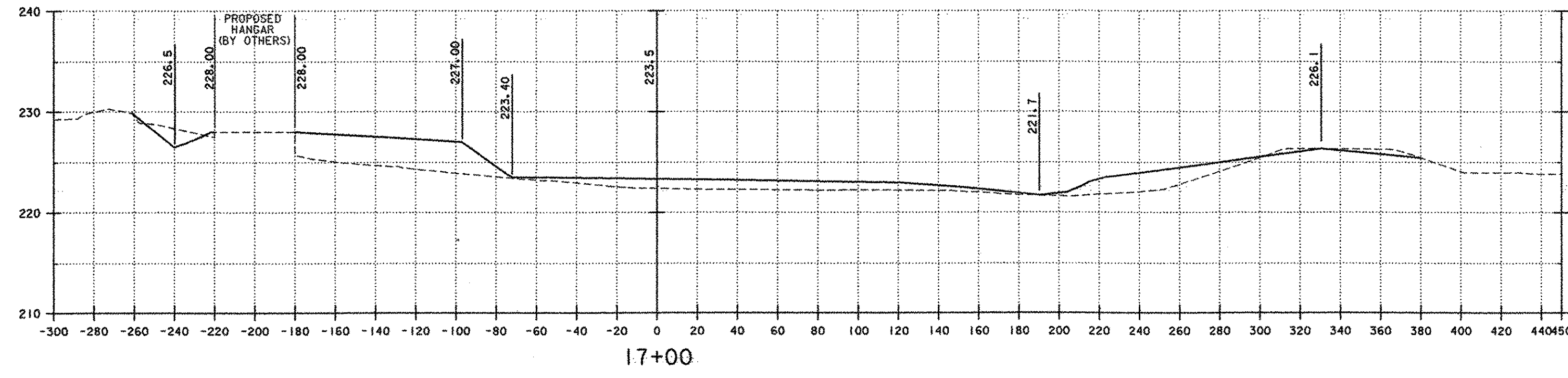
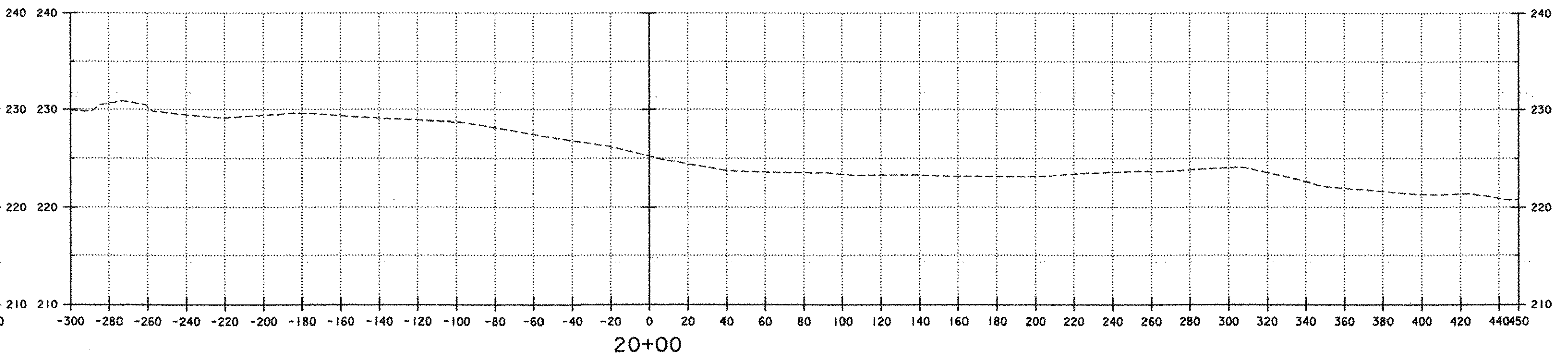
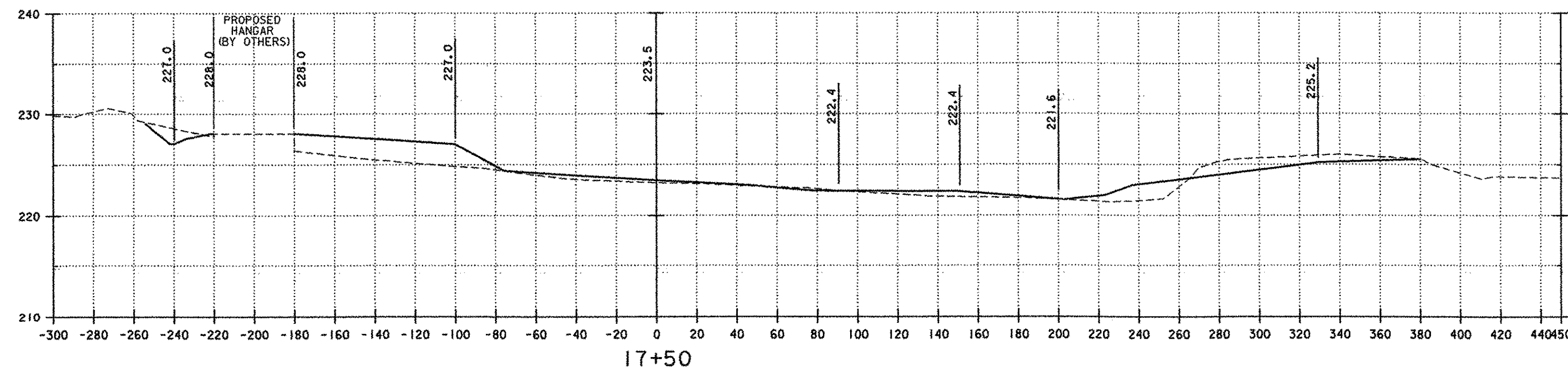


	PROJECT NAME: FRANKLIN COUNTY AIRPORT	PLOT DATE: 04/06/2004
	PROJECT NUMBER: AIR 04-3170	DRAWN BY: JDO
	FILE NAME: ...z000frm.dgn	CHECKED BY: DPD
	PROJECT LEADER: MLC	SHEET 15 OF 17
	DESIGNED BY: MLC	<b>ELECTRICAL DETAILS</b>

3/4/06/2004 01:42:45 PM



PROJECT NAME: FRANKLIN COUNTY AIRPORT  
 PROJECT NUMBER: AIR 04-3170  
 FILE NAME: ...z000cross section.dgn PLOT DATE: 04/06/2004  
 PROJECT LEADER: MLC DRAWN BY: JDO  
 DESIGNED BY: MLC CHECKED BY: DPD  
**CROSS SECTIONS** SHEET 16 OF 17



PROJECT NAME: FRANKLIN COUNTY AIRPORT  
 PROJECT NUMBER: AIR 04-3170  
 FILE NAME: ...z000cross section.dgn PLOT DATE: 04/06/2004  
 PROJECT LEADER: MLC DRAWN BY: JDO  
 DESIGNED BY: MLC CHECKED BY: DPD  
**CROSS SECTIONS** SHEET 17 OF 17