

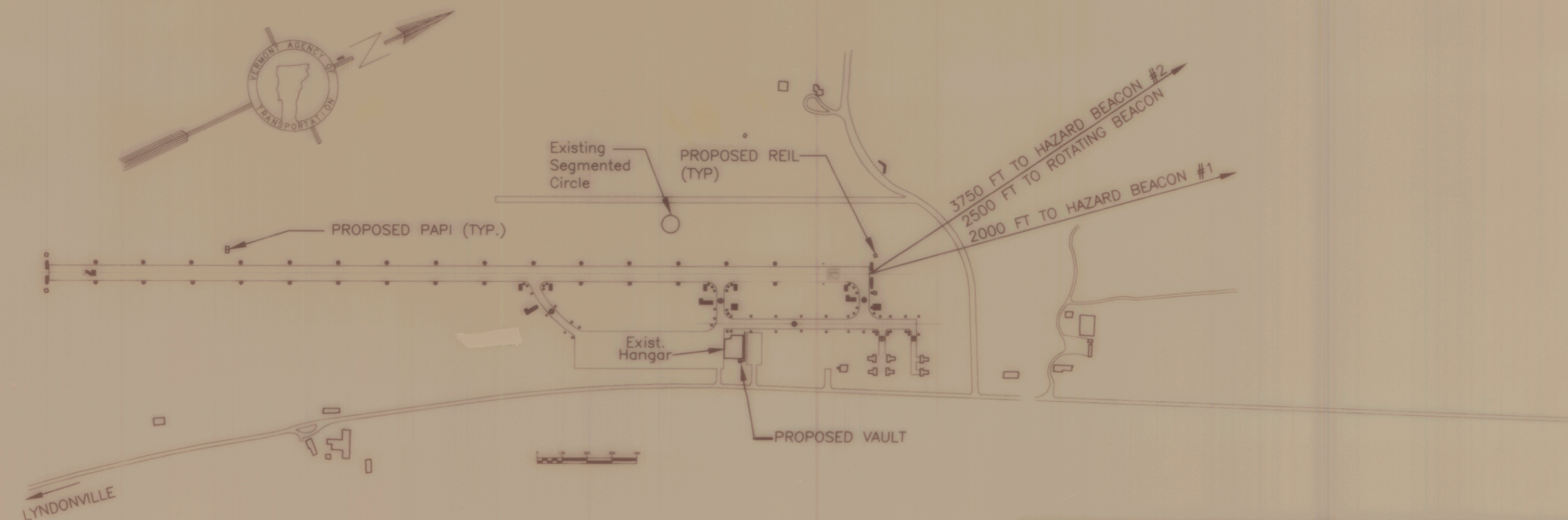
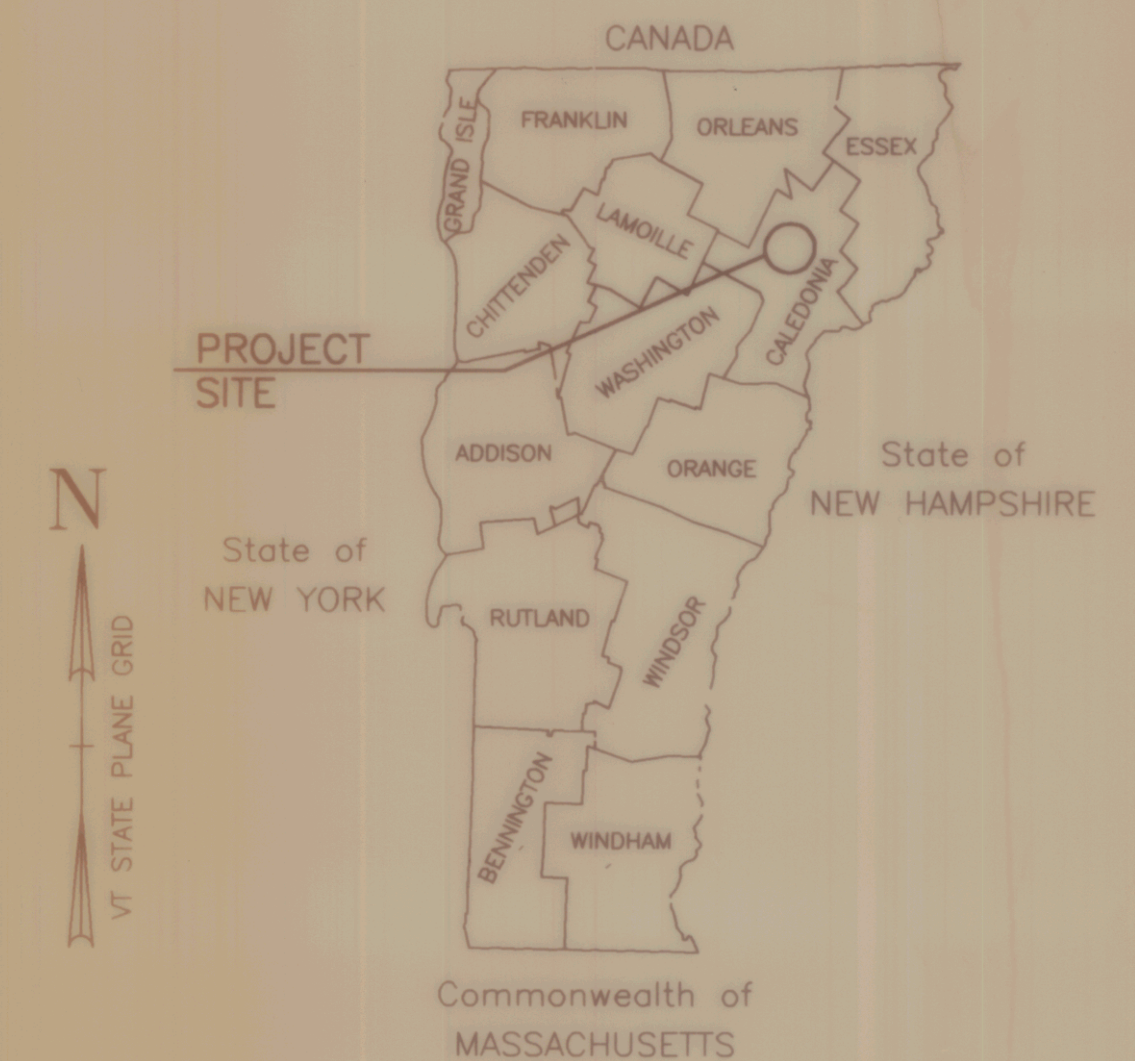
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STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWN OF LYNDON COUNTY OF CALEDONIA CALEDONIA COUNTY STATE AIRPORT AIR No. 04-3032 RUNWAY LIGHTING AND BEACON PROJECT



CONVENTIONAL SIGNS

- COUNTY LINE
- TOWN LINE
- LIMITS OF ACCESS
- POINT OF ACCESS
- FENCE LINE
- STONE WALL
- TRAVELED WAY
- GUARD RAIL
- RAILROAD
- SURVEY LINE
- CULVERT
- POWER POLE
- TELEPHONE POLE
- TREES
- CONTROL OF ACCESS
- PROPERTY LINE
- R.O.W. TAKING LINE
- SLOPE RIGHTS
- TOP OF CUT
- TOE OF SLOPE

DATUM
VERTICAL
HORIZONTAL

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION OR THE CHIEF ENGINEER. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS. THESE PLANS AND SPECIFICATIONS ARE IN ACCORDANCE WITH CRITERIA IN CURRENT FAA ADVISORY CIRCULARS AS OF FEBRUARY 26, 1992.

FEDERAL AVIATION ADMINISTRATION

PREPARED BY
DuBOIS AND KING, INC.
VT 05060 728-3376

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

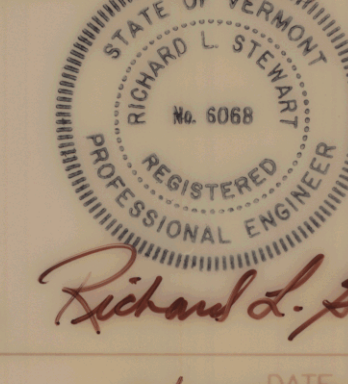
APPROVED _____ DATE _____
DIRECTOR

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

APPROVED _____ DATE _____
DIVISION ADMINISTRATOR

PROJECT
SHEET 1 OF 14 SHEETS

APPROVED: CHIEF, AIRPORTS BRANCH DATE



9/19/95

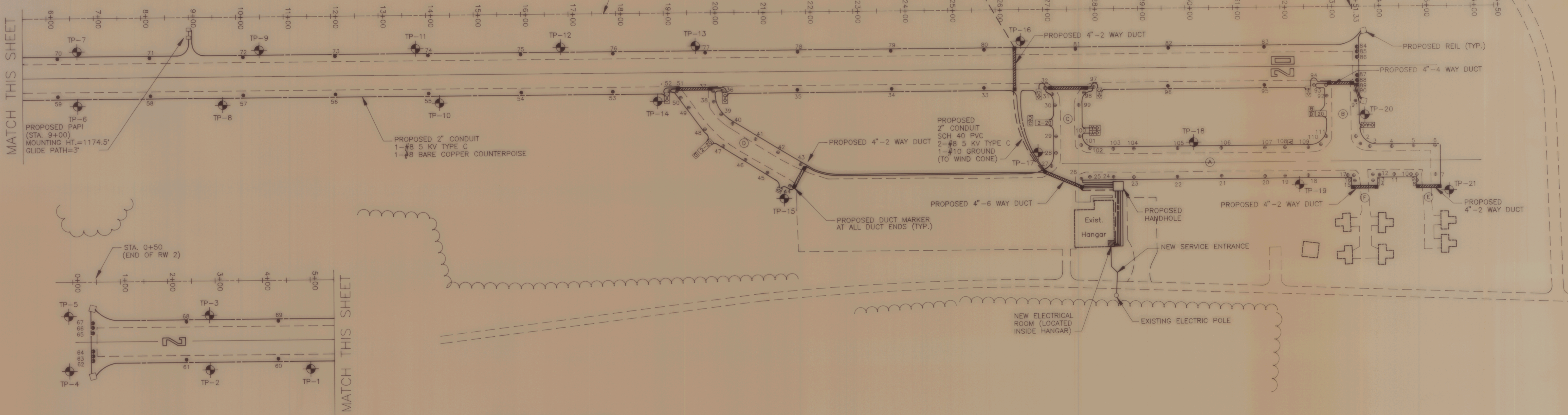
QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

APPROXIMATE SUMMARY OF QUANTITIES

APPROXIMATE SUMMARY OF QUANTITIES

RUNWAY AND TAXIWAY LIGHTING SCHEDULE (STATION AND OFFSET REFER TO SURVEY BASELINE)															
LIGHT # STA. OFFSET RT.			LIGHT # STA. OFFSET RT.			LIGHT # STA. OFFSET RT.			LIGHT # STA. OFFSET RT.						
1	33+58	273'	29	27+27	267'	57	10+15	165'	85	33+61	95'				
2	33+67	289'	30	27+25	203'	58	8+20	165'	86	33+61	105'				
3	33+87	294'	31	27+20	179'	59	6+25	165'	87	33+61	145'				
4	34+33	294'	32	27+03	165'	60	4+30	165'	88	33+61	155'				
5	34+79	294'	33	25+75	165'	61	2+35	165'	89	33+61	165'				
6	35+24	294'	34	23+80	165'	62	0+40	165'	90	33+58	178'				
7	35+24	354'	35	21+85	165'	63	0+40	155'	91	33+58	199'				
8	34+86	367'	36	20+24	165'	64	0+40	145'	92	32+97	188'				
9	34+86	354'	37	20+04	165'	65	0+40	105'	93	32+96	165'				
10	34+73	354'	38	20+06	188'	66	0+40	95'	94	32+71	165'				
11	34+40	354'	39	20+21	214'	67	0+40	85'	95	31+60	165'				
12	34+07	354'	40	20+44	234'	68	2+35	85'	96	29+65	165'				
13	33+93	354'	41	20+92	266'	69	4+30	85'	97	28+09	165'				
14	33+93	367'	42	21+40	295'	70	6+25	85'	98	27+86	176'				
15	33+55	367'	43	21+88	320'	71	8+20	85'	99	27+75	203'				
16	33+53	356'	44	21+64	366'	72	10+15	85'	100	27+76	267'				
17	33+40	355'	45	21+17	337'	73	12+10	85'	101	27+80	286'				
18	32+57	354'	46	20+21	310'	74	14+05	85'	102	27+97	296'				
19	32+07	354'	47	20+26	281'	75	16+00	85'	103	28+47	296'				
20	31+65	354'	48	19+86	245'	76	17+95	85'	104	28+89	296'				
21	30+73	354'	49	19+54	199'	77	19+90	85'	105	29+81	296'				
22	29+81	354'	50	19+36	179'	78	21+85	85'	106	30+73	296'				
23	28+89	354'	51	19+28	165'	79	23+80	85'	107	31+65	296'				
24	28+47	354'	52	19+13	165'	80	25+75	85'	108	32+07	296'				
25	27+97	354'	53	17+95	165'	81	27+70	85'	109	32+57	296'				
26	27+79	357'	54	16+00	165'	82	29+65	85'	110	32+84	290'				
27	27+16	330'	55	14+05	165'	83	31+60	85'	111	32+96	273'				
28	27+26	302'	56	12+10	165'	84	33+61	85'							



ELECTRICAL NOTES

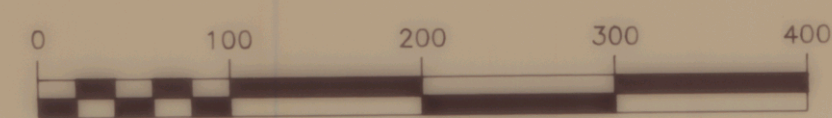
- No. 8 BARE COPPER STRANDED COUNTERPOISE WIRE TO BE INSTALLED ABOVE CONDUIT. SEE DETAIL SHEET.
- ALL RUNWAY/TAXIWAY LIGHTING ELECTRICAL CABLES SHALL BE No. 8, 5KV, FAA L-824, TYPE C, INSTALLED IN CONDUIT UNLESS OTHERWISE NOTED. BOTH CABLES OF A CIRCUIT MAY BE INSTALLED IN THE SAME CONDUIT, CABLES OF DIFFERENT CIRCUITS SHALL BE INSTALLED IN SEPARATE CONDUITS.
- TAXIWAY LIGHTS ARE TO BE INSTALLED 10' BACK FROM EDGE OF PAVEMENT, CABLE IS TO BE INSTALLED 13' BACK FROM EDGE OF PAVEMENT. (UNLESS SPECIFICALLY SHOWN OTHERWISE ON PLANS.)
- GUIDANCE SIGNS ARE TO BE INSTALLED 20' OFF THE TAXIWAY EDGE OF PAVEMENT. FACE OF THE SIGN IS TO BE PERPENDICULAR TO TAXIWAY CENTERLINE. SEE DETAIL SHEET.
- DIRECTION SIGNS ARE TO BE L-858Y, SIZE 1, CLASS 2, STYLE 2. TAXIWAY LOCATION SIGNS ARE TO BE L-858L, SIZE 1, CLASS 2, STYLE 2. RUNWAY HOLD SIGNS ARE TO BE L-858R, SIZE 1, CLASS 2, STYLE 2. SEE DETAIL SHEET.
- EXISTING RUNWAY LIGHTING AND CABLES ARE TO BE ABANDONED AND REMOVED BY OWNER.
- ALL CABLE CONNECTIONS ARE TO FOLLOW FAA L-823 REQUIREMENTS, AND SHALL BE MADE AT THE NEAREST LIGHT OR SIGN.
- ALL AREAS OUTSIDE THE LIMITS OF CONSTRUCTION AS SHOWN ON THE PLANS WHICH ARE DISTURBED BY THE INSTALLATION OF ANY ELECTRICAL ITEM SHALL BE REPAIRED TO ORIGINAL CONDITION, OR BETTER, AT NO COST TO THE OWNER. THIS WORK INCLUDES, BUT IS NOT LIMITED TO, REGRADING, SEEDING, MULCHING, AND FERTILIZER, AND IS TO BE SUBSIDIARY TO ITEM L-108 - CABLE TRENCH.
- NOTE STATION AND OFFSET CALL OUTS ON THE TAXIWAY LIGHTS ARE FROM SURVEY BASELINE, AND NOT FROM TAXIWAY CENTERLINE.
- WIND CONE SHALL BE FAA L-806 (STYLE 1) INTERNALLY LIGHTED, 8 FOOT SIZE.

OPERATIONAL NOTES

- RUNWAY 2-20 MUST BE CLOSED DURING WORK WITHIN 5' OF EDGE OF RUNWAY. THIS CONSISTS OF WORK ASSOCIATED WITH PLACEMENT OF THE RUNWAY DUCTS AND ASSOCIATED PAVING. RUNWAY MUST BE RESTORED TO OPERATIONAL CONDITIONS EVERY NIGHT.
- WORK WITHIN 75' OF EDGE OF RUNWAY WILL REQUIRE SPECIAL COORDINATION WITH AIRPORT OPERATIONS THRU DIRECT COMMUNICATION WITH THE AIRPORT MANAGER AND UNICOM MONITORING. THE CONTRACTOR WILL BE REQUIRED TO REMOVE EQUIPMENT FROM THIS AREA WITHIN A 15 MINUTE NOTICE FROM THE AIRPORT MANAGER TO ENABLE ARRIVING AND DEPARTING AIRCRAFTS TO OPERATE. THIS WORK SHALL CONSIST OF PLACEMENT OF RUNWAY LIGHTS, SIGNS AND DRAINAGE STRUCTURES.
- WORK ADJACENT TO AND ON TAXIWAYS SHALL BE LIMITED TO ONE TAXIWAY SEGMENT AT A TIME. CLOSURE OF TAXIWAYS E AND F SHALL BE LIMITED TO THE VERY MINIMUM TIME.
- NOTICE TO ARMEN (NOTAM'S) MUST BE ISSUED BY THE AIRPORT MANAGER PRIOR TO STARTING EACH NEW PHASE. NOTAM'S MUST BE ISSUED AT LEAST 48 HOURS IN ADVANCE OF ANY AIRPORT STATUS CHANGE. THERE CAN BE NO EXCEPTIONS. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE WITH THE RESIDENT ENGINEER AND THE AIRPORT MANAGER.
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT AND ABIDE BY A SCHEDULE OF WORK APPROVED BY THE ENGINEER PRIOR TO STARTING ANY CONSTRUCTION. ANY PROPOSED DEVIATION FROM THIS SCHEDULE WILL REQUIRE ANOTHER SUBMISSION AND APPROVAL PRIOR TO ANY CHANGE.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING AND PLACING "X" S ON THE RUNWAY NUMERALS TO SIGNIFY RUNWAY CLOSURE. SEE SHEET 5 OF 14 FOR REQUIRED MARKING DIMENSIONS.

LEGEND

- (A) PROPOSED TAXIWAY DESIGNATION
- (2-20) PROPOSED HOLD SIGN
- (B) PROPOSED TAXIWAY LOCATION SIGN
- (R) PROPOSED RUNWAY EXIT/TAXIWAY DIRECTION SIGN
- PROPOSED RUNWAY END IDENTIFICATION LIGHT (REIL)
- PROPOSED PRECISION APPROACH PATH INDICATOR (PAPI)
- PROPOSED RUNWAY EDGE LIGHT
- PROPOSED TAXIWAY EDGE LIGHT
- PROPOSED RUNWAY END LIGHT
- PROPOSED DUCT MARKER
- RUNWAY LIGHTING CIRCUIT
- TAXIWAY LIGHTING CIRCUIT
- WIND CONE LIGHTING CIRCUIT



TEST PIT (LOCATION APPROXIMATE)
TP-1

TP 1,4,6,16
TP 2,3,10,11,12,14
TP 5,7,13,15,17,18,20,21
TP 8,9,19
0'-1' LOAMY SAND, 1'-3' SHALE LEDGE
0'-3' LOAMY SAND, LARGE COBBLES
0'-3' LOAMY SAND
0'-3' LOAMY SAND, SMALL COBBLES

LIGHTING AND ELECTRICAL SITE PLAN

OF
CALEDONIA COUNTY STATE AIRPORT
PREPARED FOR
VERMONT AGENCY OF TRANSPORTATION

SCALE: 1" = 100' DATE: NOVEMBER 1994

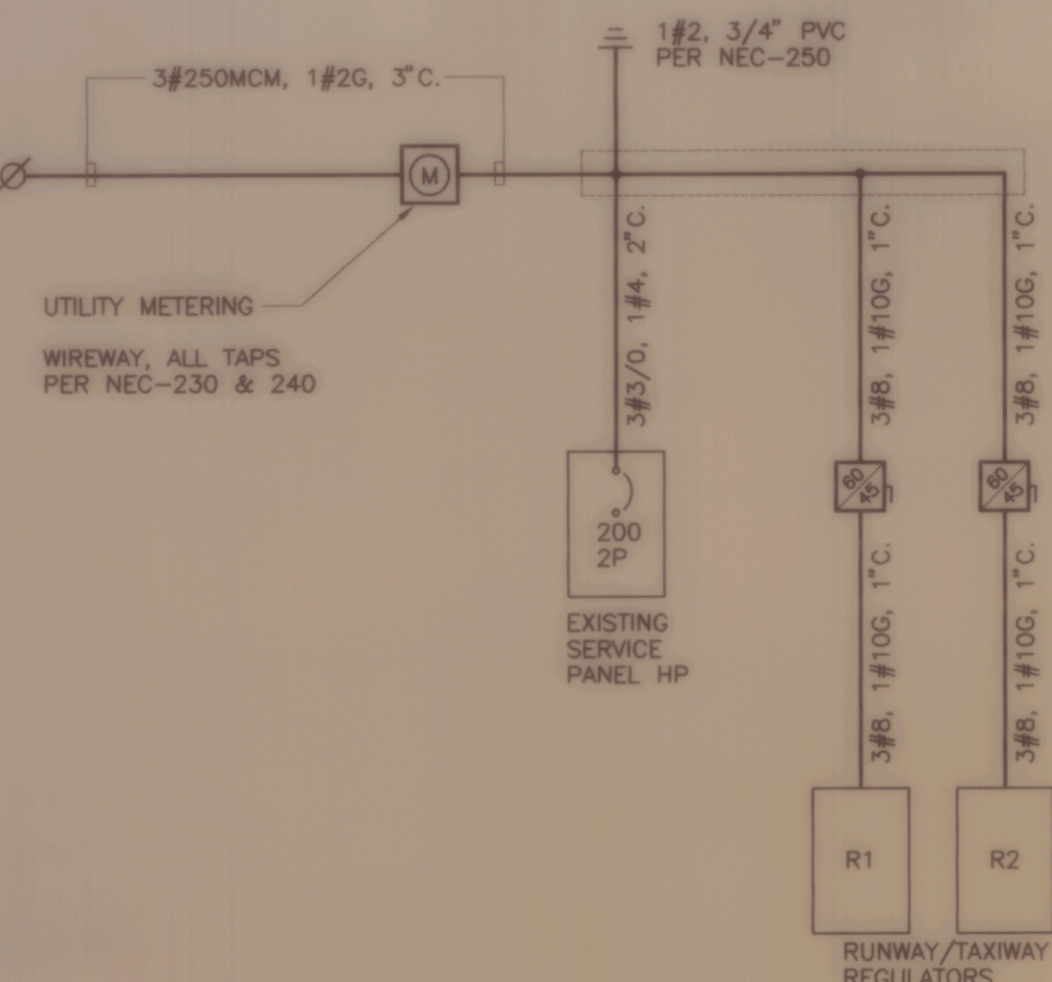
DESIGNED BY: JDB, CFL
DRAWN BY: MSP, SJR
CHECKED BY: JAA
APPROVED BY: DAF

DuBois
& King

ROUTE 66 PROFESSIONAL PLAZA
RANDOLPH, VERMONT
(802) 728-3376

SHEET 3 OF 14

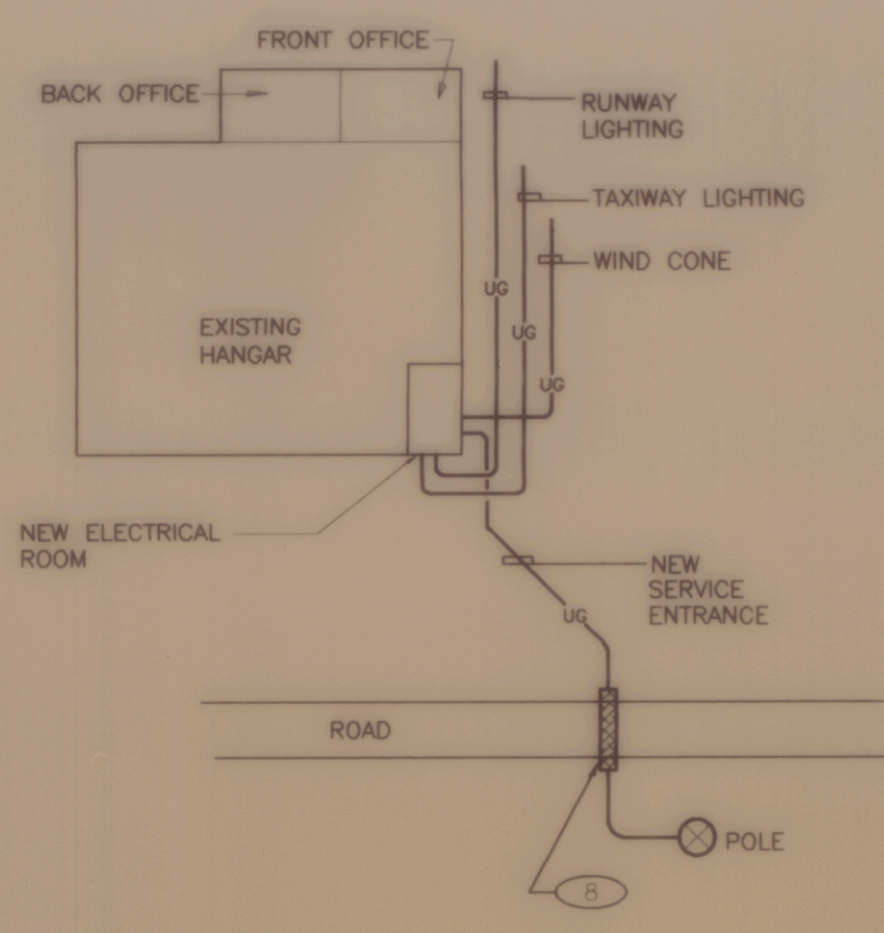
JOB NO. N12603



ONE LINE DIAGRAM

NOT TO SCALE

- NOTES:
1. ALL CONDUCTORS ARE CU 600V INSULATED EXCEPT BONDING AND GROUND CONDUCTORS MAY BE BARE.



ELECTRICAL SITE PLAN

NOT TO SCALE

ELECTRICAL LEGEND

- (B) ALARM BELL - TEL=TELEPHONE, SEW=SEWAGE PUMP STATION
- (C) CONTACTOR, MH=6'-0" TO TOP
- (AT) AUTO-TRANSFORMER, MH=6'-0" TO TOP
- S- SINGLE POLE SWITCH W/ PILOT, LEVITON #5336-1 OR EQUIVALENT, MH=4'-0"
- (R) DUPLEX RECEPTACLE (20A, 125 VOLTS), LEVITON #5896-1 OR EQUIVALENT, MH=3'-0" TO TOP
- (L) LAMPHOLDER, LEVITON KEYLESS #9875 OR EQUIVALENT
- (P) PHOTO CELL
- (X) CONTROL PANEL INDICATOR LIGHT
- UG UNDERGROUND WIRING
- 200A-2P CIRCUIT BREAKER, TRIP AMPS AND POLES INDICATED
- FUSED SWITCH, FUSE AMPS/FRAME SIZE INDICATED
- HP EXISTING PANELBOARD, 120/240V, 1PH, 3W

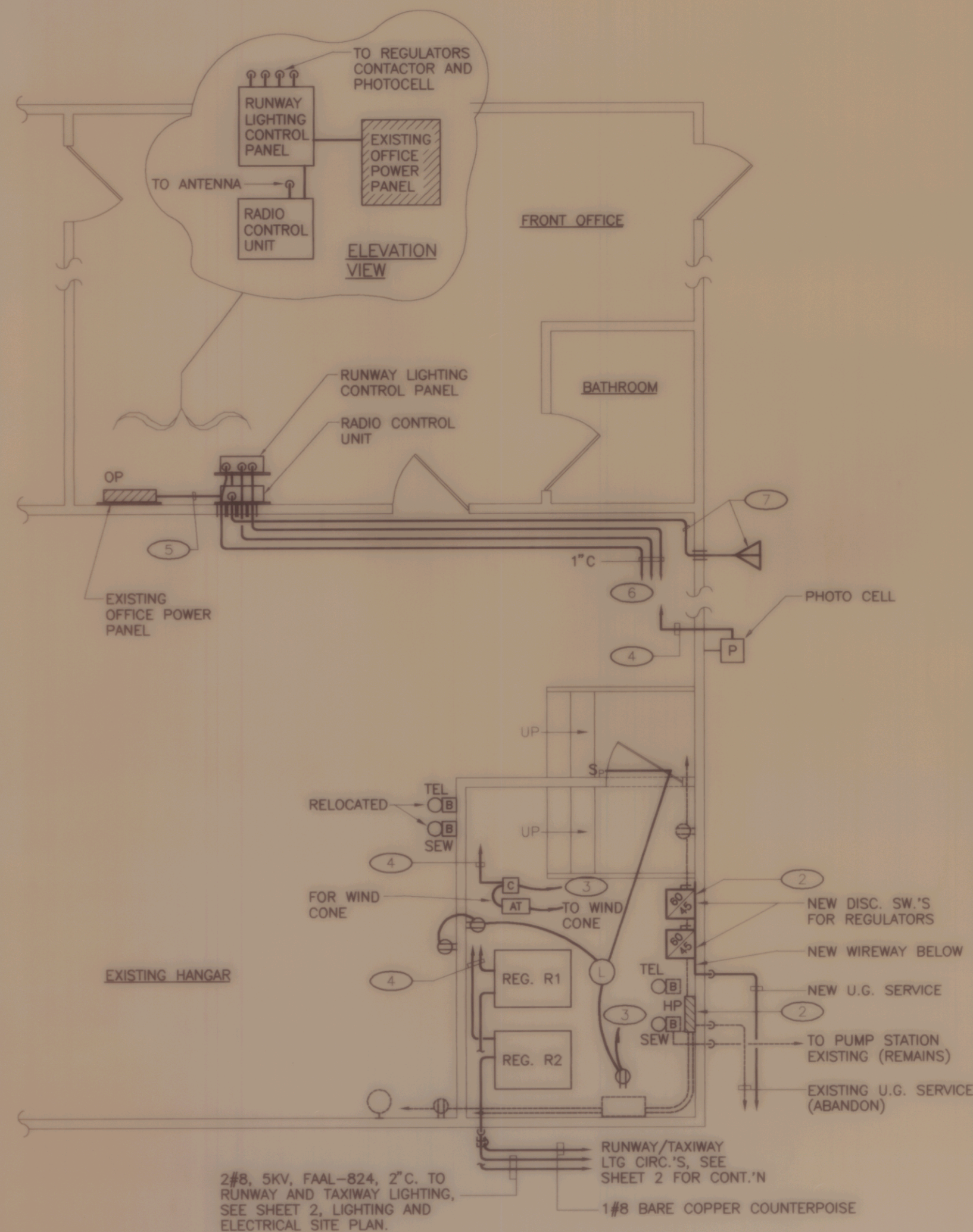
NOTE: ANY SYMBOL DRAWN DASHED INDICATES EXISTING EQUIPMENT.

GENERAL NOTES

1. WALL MOUNT CONTROL PANEL (L-821). FIELD VERIFY LOCATION WITH AIRPORT MANAGER PRIOR TO ROUGH-IN.
2. RADIO CONTROL UNIT (L-854). FIELD VERIFY LOCATION WITH AIRPORT MANAGER PRIOR TO ROUGH-IN.
3. COORDINATE WITH ELECTRIC UTILITY FOR NEW METERING REQUIREMENTS AND SERVICE ENTRANCE HOOK-UP.
4. ALL CONDUIT SHALL BE SCHEDULE 40 PVC, UNLESS OTHERWISE NOTED.
5. RADIO CONTROL UNIT (L-854). CUMULATIVE MODE OF PULSES -3, -5, AND -7 FOR CONTROLLING RUNWAY LIGHT BRIGHTNESS, 10, 30, 100 RESPECTIVELY. ONLY ONE BRIGHTNESS OUTPUT SHALL BE ENERGIZED AT ONE TIME.
6. RELOCATE THE TELEPHONE BELL AND THE SEWER ALARM, ON EXISTING HANGER PANEL BACKBOARD, TO NEW LOCATION AS INDICATED. VERIFY EXACT LOCATION WITH AIRPORT MANAGER.
7. SECURELY MOUNT THE RADIO CONTROL UNIT AND THE RUNWAY LIGHTING CONTROL PANEL TO THE WALL, IF NECESSARY USE A 3/4" P.T. PLYWOOD BACKBOARD, PAINTED GRAY.
8. ELECTRICAL CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING HIS BID TO VERIFY ALL EXISTING CONDITIONS AFFECTING HIS WORK.
9. ALL INSTALLATIONS AND REMOVALS SHALL BE ACCOMPLISHED IN A NEAT AND WORKMAN LIKE MANNER.
10. INSTALL EQUIPMENT AND DEVICES PER MANUFACTURERS REQUIREMENTS AND COMPLY WITH THE 1993 NEC.
11. ELECTRICAL CONTRACTOR SHALL TEST ALL EQUIPMENT AND DEVICES HE INSTALLS FOR PROPER OPERATION. HE SHALL SUBMIT A NOTORIZED LETTER TO THE ENGINEER AND OWNER CONFIRMING PROPER OPERATION OF EQUIPMENT AND DEVICES.
12. LOCATE L-828 CONSTANT CURRENT REGULATORS A MINIMUM OF 6" FROM THE WALL.
13. MAINTAIN EXISTING SERVICE TO PANEL BOARD HP UNTIL NEW SERVICE IS COMPLETE AND ENERGIZED. COORDINATE SERVICE INTERRUPTION WITH AIRPORT MANAGER AT LEAST 1 WEEK PRIOR TO CHANGE OVER.

KEYED NOTES

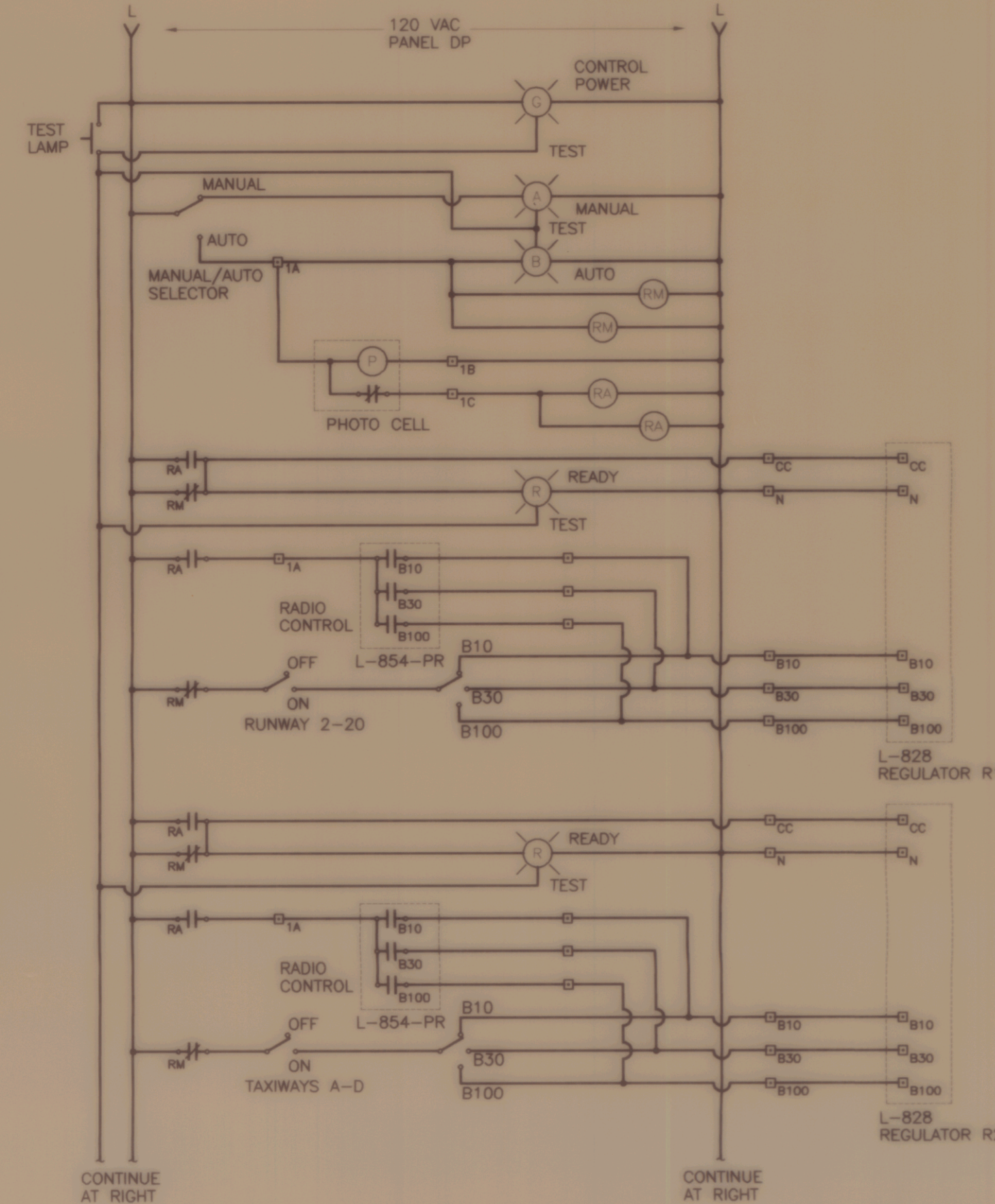
1. ELECTRICAL EQUIPMENT SHALL BE SECURELY MOUNTED ON 3/4" P.T. PLYWOOD BACKBOARD, PAINTED RED.
2. EXISTING 200A PANEL BOARD IN HANGER (HP), REF SERVICE ENTRANCE AS INDICATED.
3. INSTALL NEW 120V, CIRCUIT (2-#12, 1-#10G, 1/2" UNUSED 20A-1P CIRCUIT BREAKER IN HANGER PANEL NEW CIRCUIT BREAKER TO MATCH EXISTING AS REQUIRED TO CONTROL PANEL IN FRONT OFFICE.
4. FEED THE RUNWAY LIGHTING CONTROL PANEL, RADIO AUXILIARY RELAY CONTROL CABINET FROM THE OFFICE WITH (2-#12, 1-#10G, 1/2" C). PROVIDE NEW 2" TO MATCH EXISTING PANEL.
5. CONTROL WIRING TO THE 7 1/2 KW CONSTANT CURRENT CONTACTOR PHOTO CELL, ETC.
6. REMOTE ANTENNA SHALL BE MOUNTED ON THE OUTSIDE HANGER (AS INDICATED) IN A MANNER NOT TO INTERFERE WITH STRUCTURES AND DEVICES SUCH THAT ANTENNA LENGTH (SUPPLIED AS PART OF THE RADIO CONTROL UNIT) EXCEED 50FT. FIELD VERIFY LOCATION WITH AIRPORT MANAGER.
7. INSTALL SCHEDULE 80 4" CONDUIT, ENCASED IN CONDUIT BELOW ROAD, SEE DETAIL SHEET.
8. END OF METAL CONDUIT, BOND TO COUNTERPOISE.



ELECTRICAL ROOM FLOOR PLAN

NOT TO SCALE

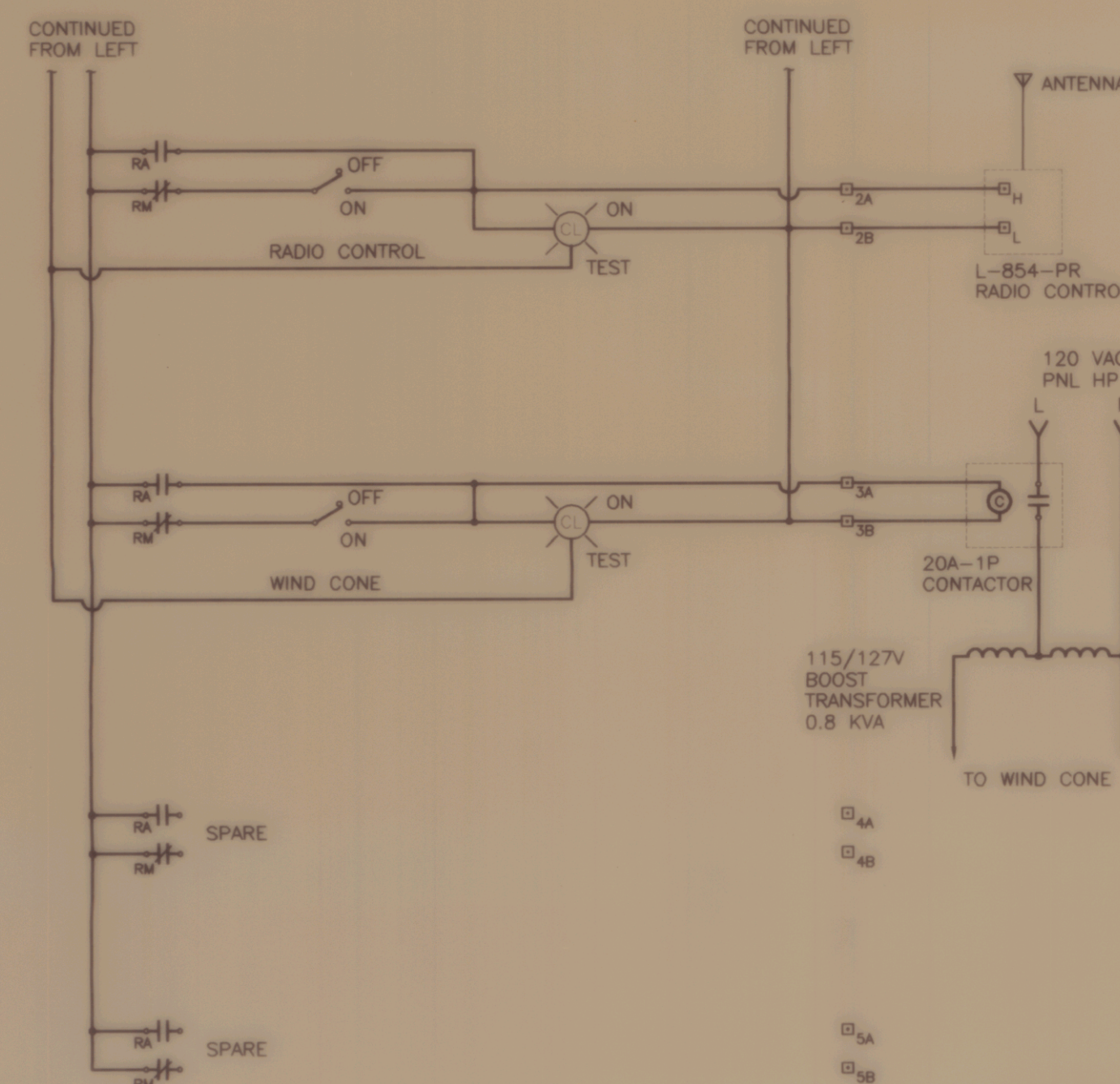
- NOTES:
1. ALL WIRING IN ELECTRIC ROOM AND HANGER SHALL BE INSTALLED IN METAL RACEWAYS IN ACCORDANCE WITH NEC-513.



RUNWAY LIGHTING CONTROL ONE-LINE DIAGRAM

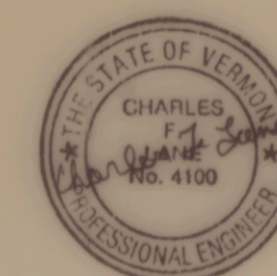
NOT TO SCALE

- NOTES:
1. BONDING CONDUCTORS ARE NOT SHOWN.
 2. ALL DEVICES ARE LOCATED IN L-821 CONTROL PANEL EXCEPT REMOTE DEVICES DESIGNATED BY (X).
 3. FIELD WIRING DESIGNATED BY (X).
 4. RELAYS RA AND RM ARE 4PDT EACH UNUSED SIDE OF FORM C CONTACTS ARE NOT SHOWN.
 5. L-854 RADIO CONTROL PANEL SHALL HAVE 2 SPST OUTPUT CONTACTS FOR EACH BRIGHTNESS LEVEL. AT CONTRACTOR'S OPTION PROVIDE SPST OUTPUT CONTACTS IN L-854 RADIO CONTROL PANEL AND 3 SPST RELAYS IN L-821 CONTROL PANEL.



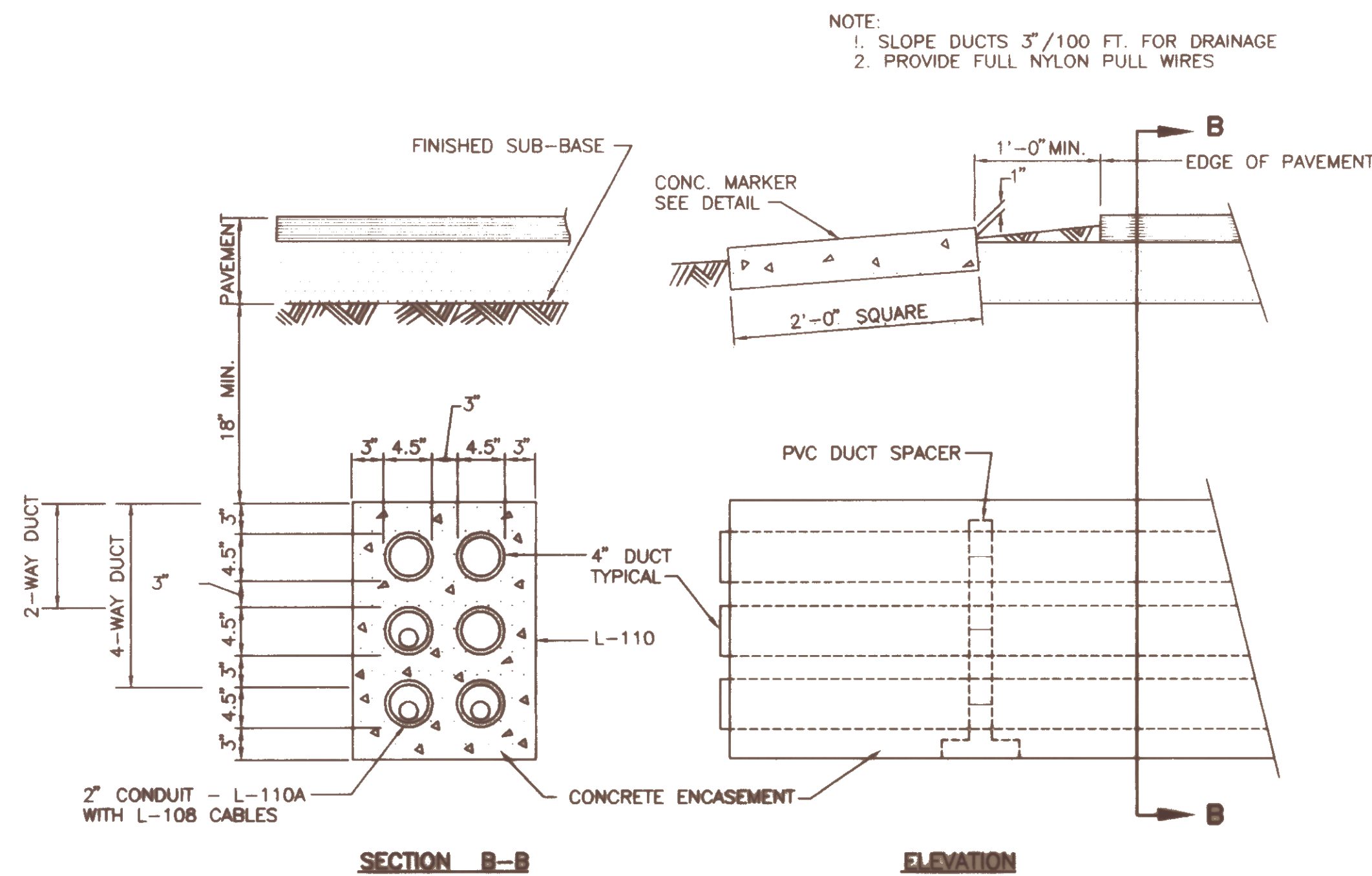
RUNWAY LIGHTING CONTROL ELEVATION

- NOTES:
1. PILOT LIGHTS, WITH DOMED PLASTIC COVER (COLORS: A=GREEN, R=RED).
 2. ALL EQUIPMENT SHALL BE FAA APPROVED FOR USE IN L-821 CONTROL OF AIRPORT LIGHTING AND L-841 AUXILIARY RELAY CONTROL OF AIRPORT LIGHTING CIRCUITS. REFER TO FAA 150/5345-13A AND 150/5345-3D.
 3. PANEL ENCLOSURES SHALL BE HOFFMAN (OR EQUAL), NEUTRAL COVER AND METAL BACK PAN FOR MOUNTING EQUIPMENT. CONSTRUCTED OF CODE GRADE STEEL WITH ANSI #61 GR. RUST INHIBITING TREATMENT.
 4. PROVIDE SPARE PARTS AND TOOL CONSISTING OF 6 SPARE LAMP REMOVAL TOOL AND WRENCH FOR SWITCH/PUSHBUT.
 5. PROVIDE ENGRAVED LABELS FOR ALL CONTROL SWITCHES.



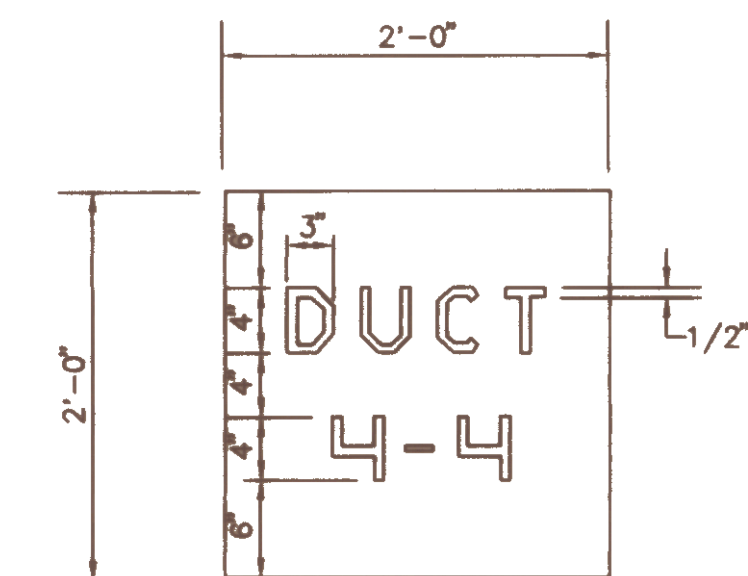
ELECTRICAL PLANS	
OF CALEDONIA COUNTY	
PREPARED FOR VERMONT AGENCY OF TRANSPORTATION	
SCALE : AS NOTED	DATE
DESIGNED BY : CFL	
DRAWN BY : WJP/MSP	
CHECKED BY : JAA	
APPROVED BY : DAF	SHEET 4 OF 4

NO.	DATE	REVISION

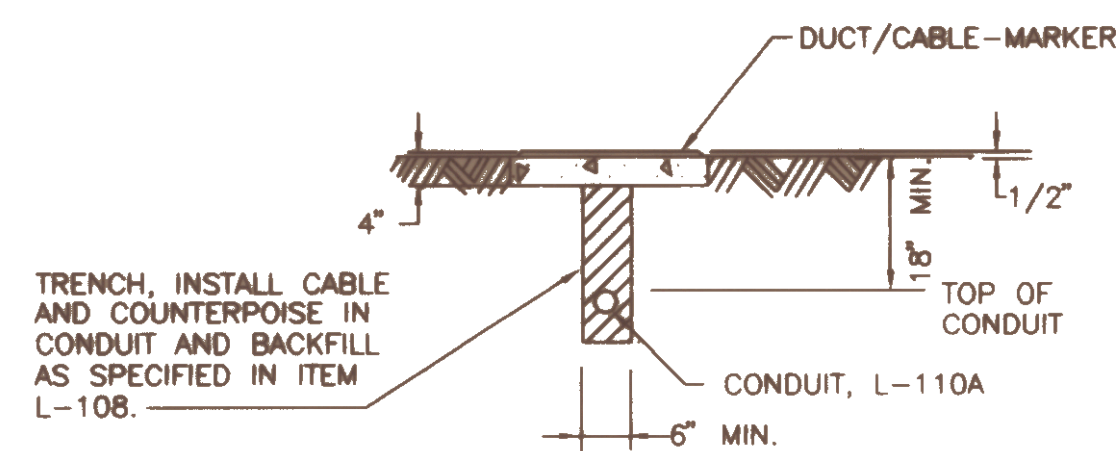


DUCT (6-WAY) AND CONCRETE MARKER DETAILS
NOT TO SCALE

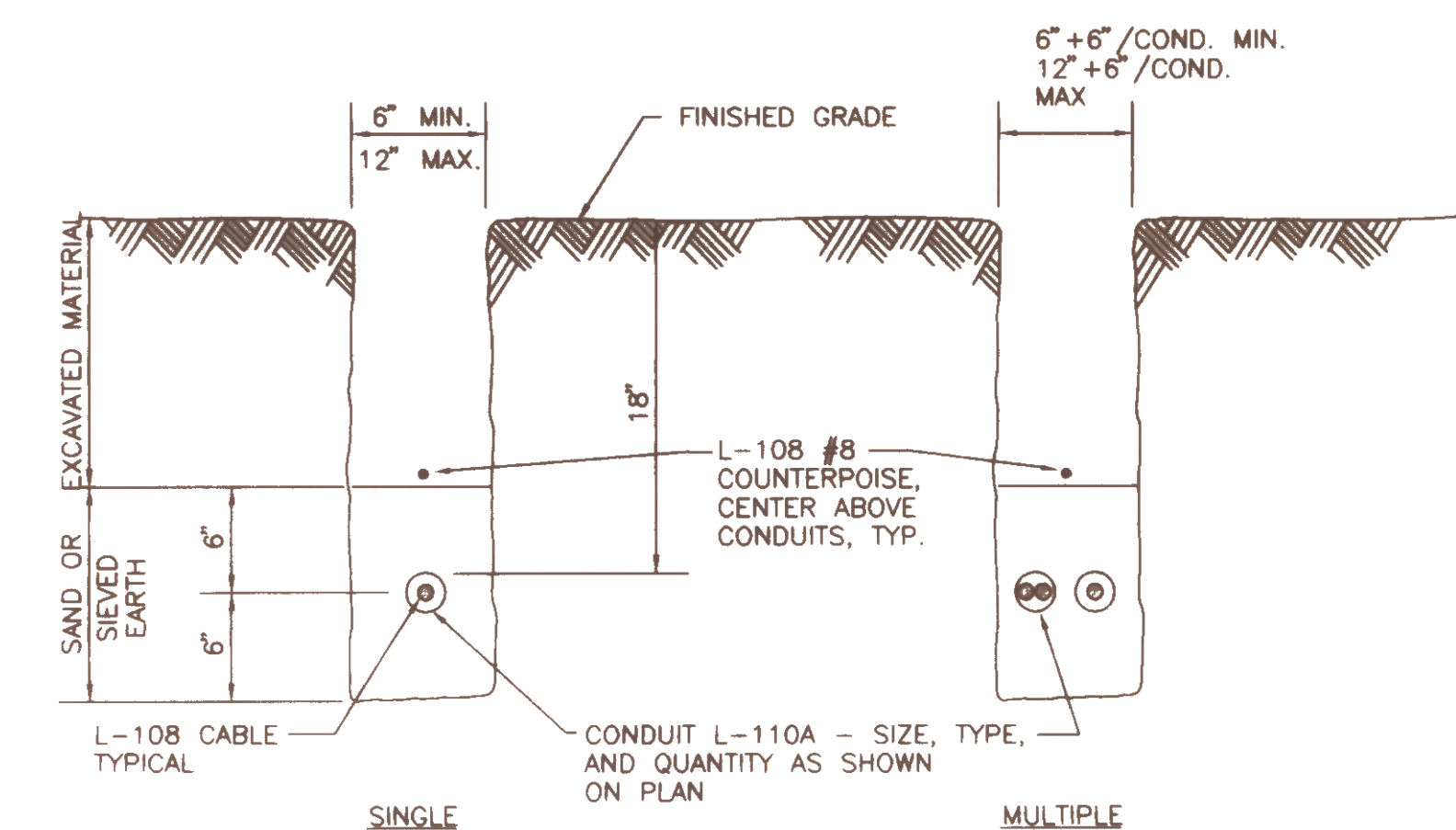
NOTE:
PROVIDE PVC DUCT SPACERS AT 5'-0" ON CENTER



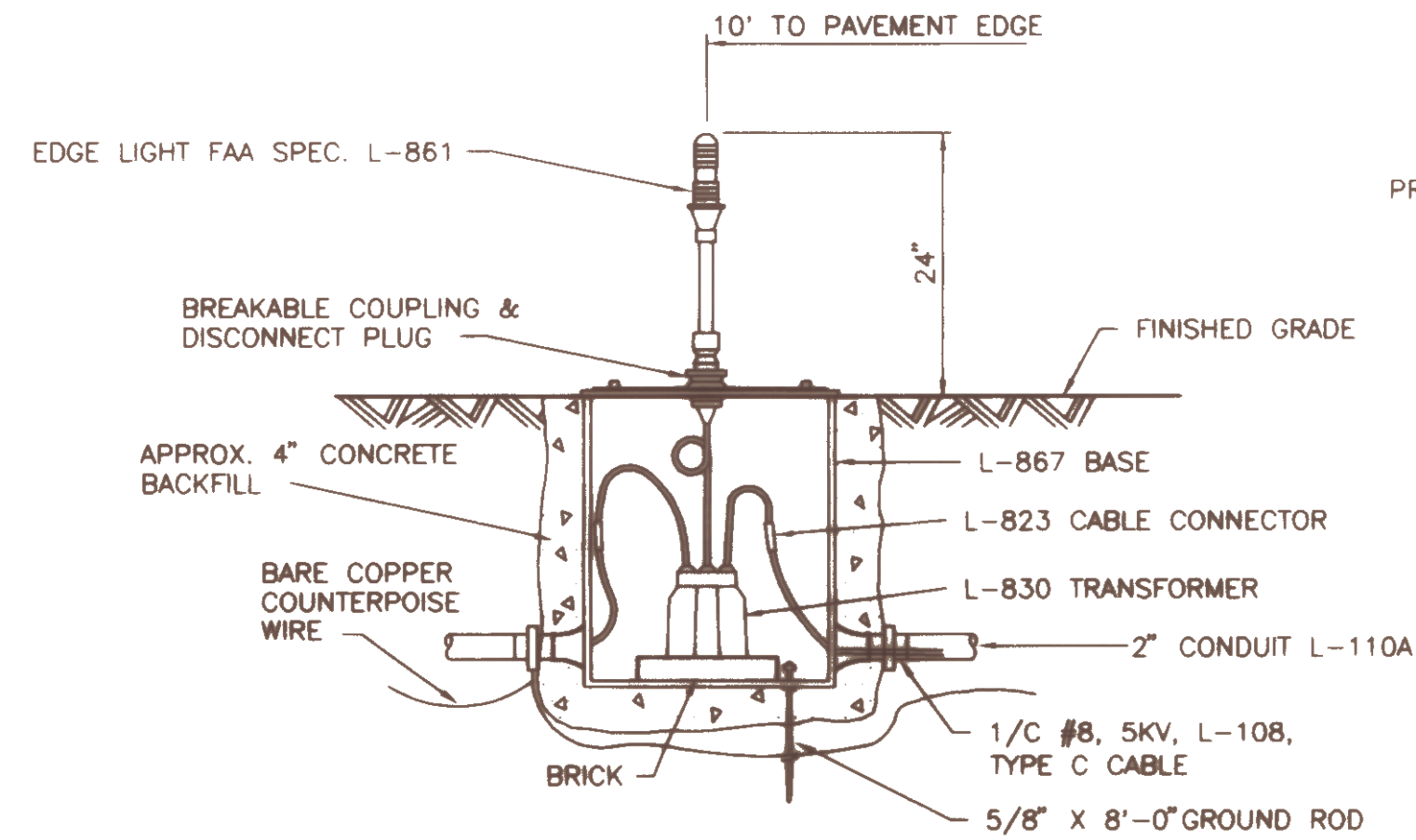
CONCRETE DUCT MARKER
(CABLE MARKERS ARE SIMILAR)



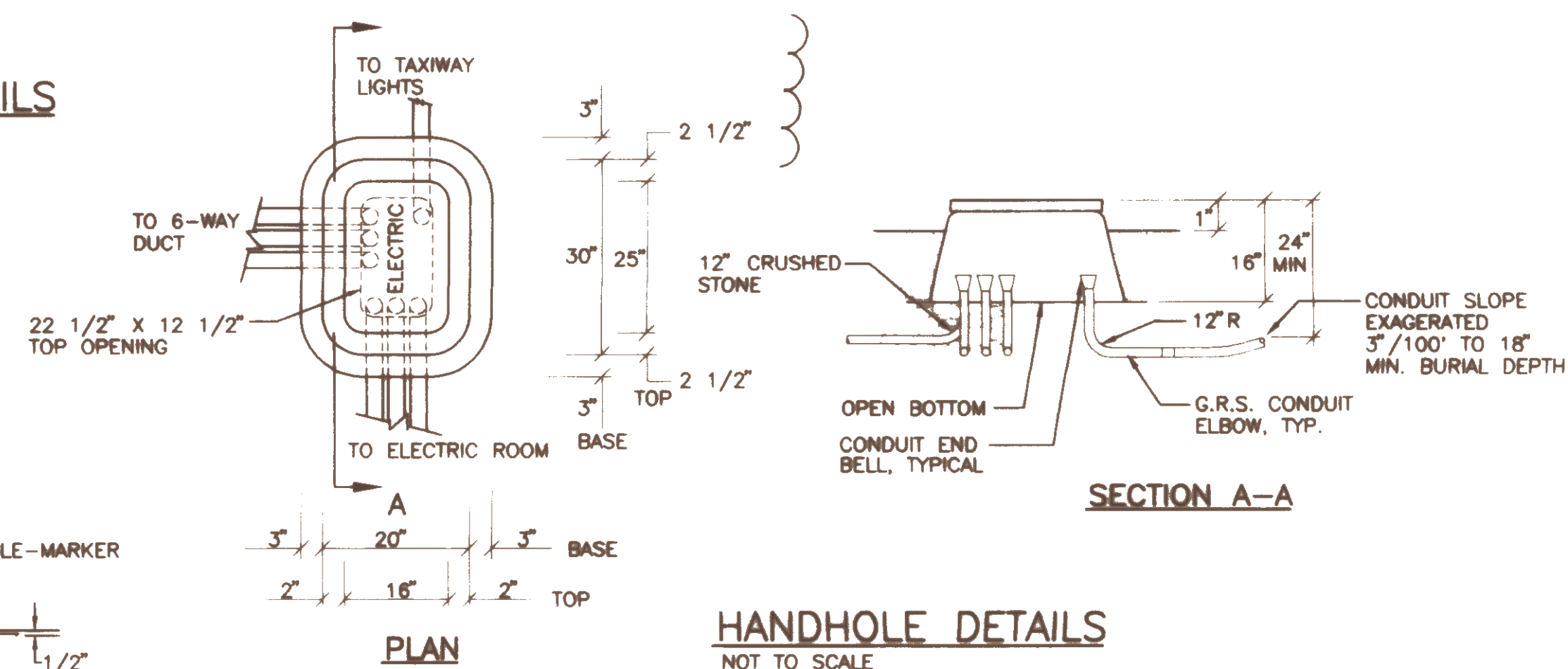
TYPICAL CABLE/DUCT-MARKER DETAIL
NOT TO SCALE



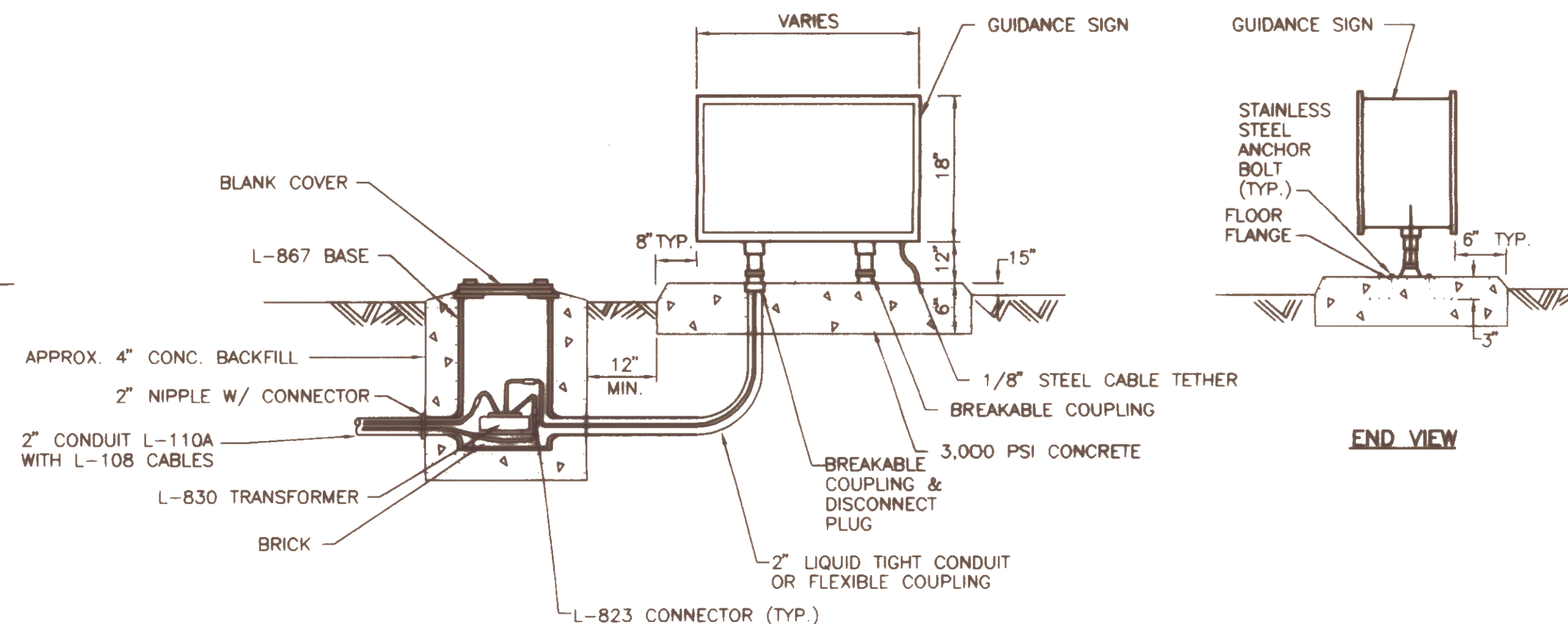
CONDUIT INSTALLATION DETAILS
NOT TO SCALE



BASE MOUNTED SERIES CIRCUIT
NOT TO SCALE

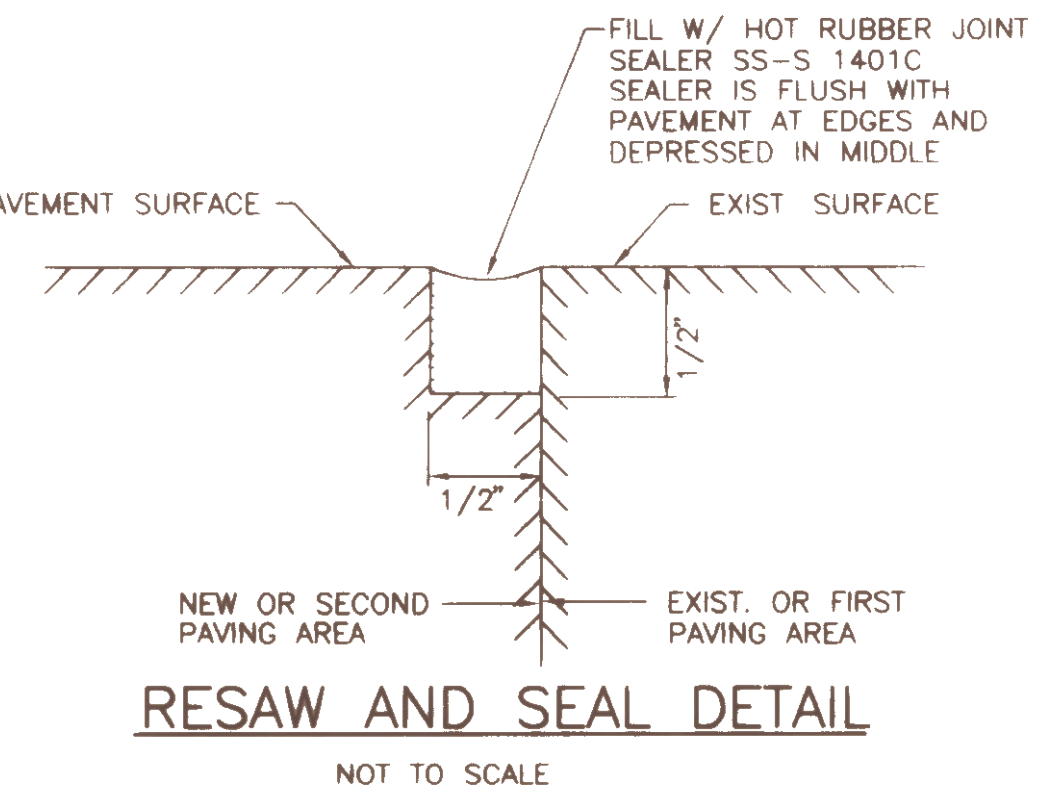


HANDHOLE DETAILS
NOT TO SCALE

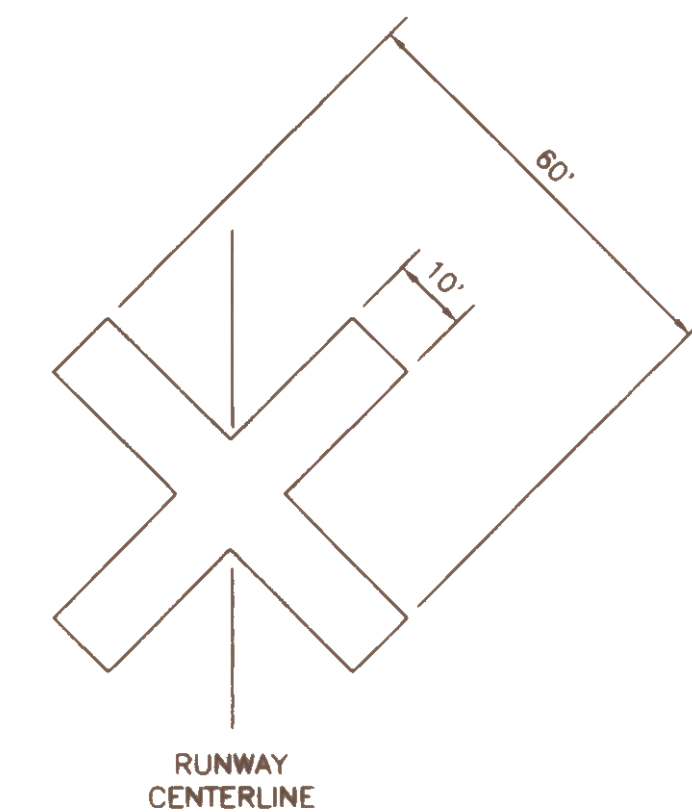


GUIDANCE SIGN DETAIL
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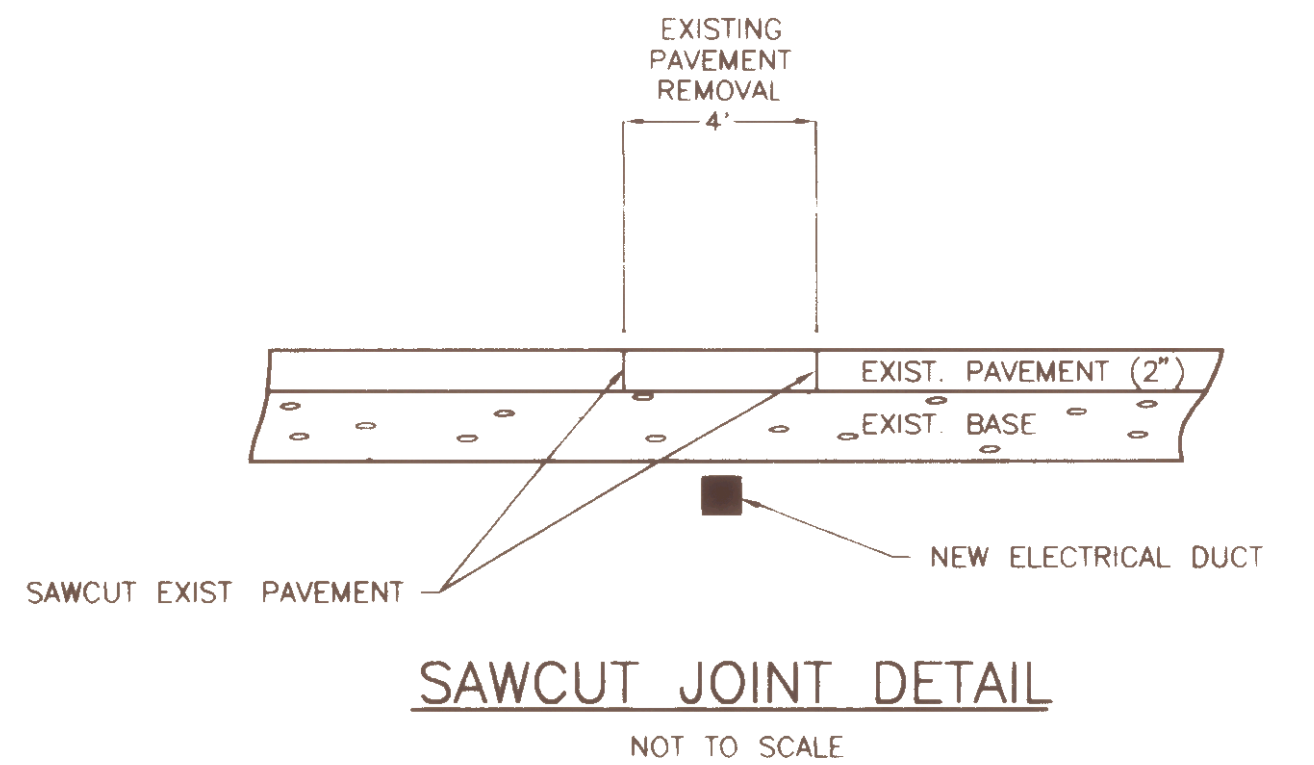
NOTE:
GROUND ROD AND COUNTERPOISE NOT SHOWN, REFER TO BASE MOUNTED DETAIL ABOVE FOR REQUIREMENTS



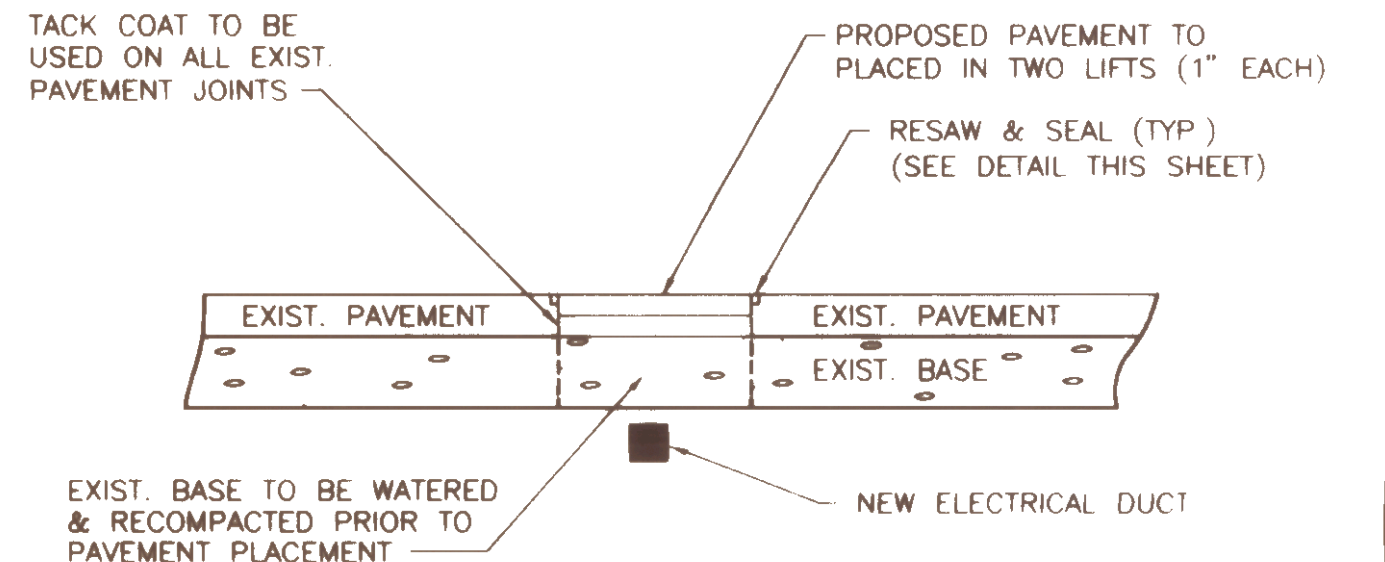
RESAW AND SEAL DETAIL
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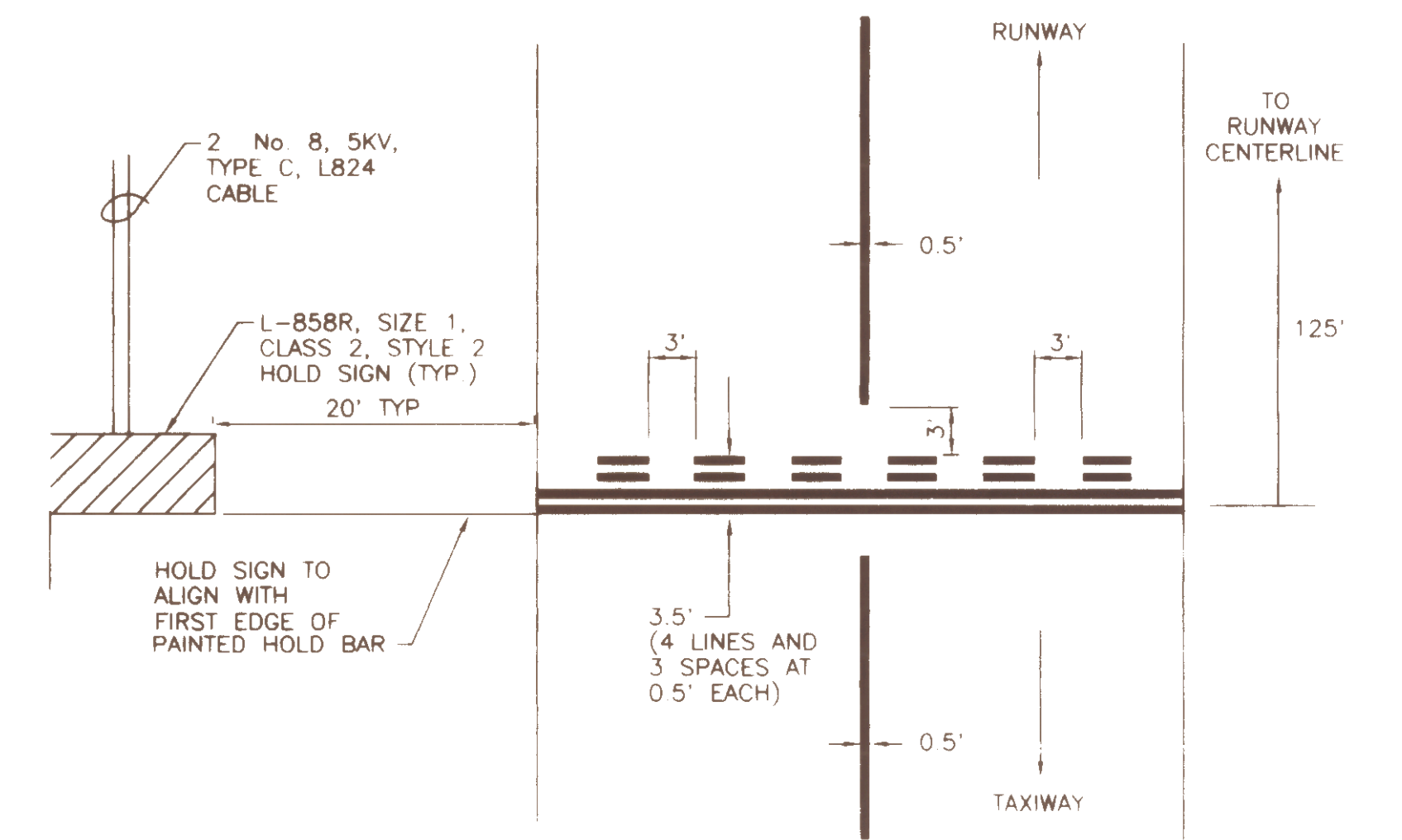
CLOSED RUNWAY MARKINGS
NOT TO SCALE



SAWCUT JOINT DETAIL
NOT TO SCALE



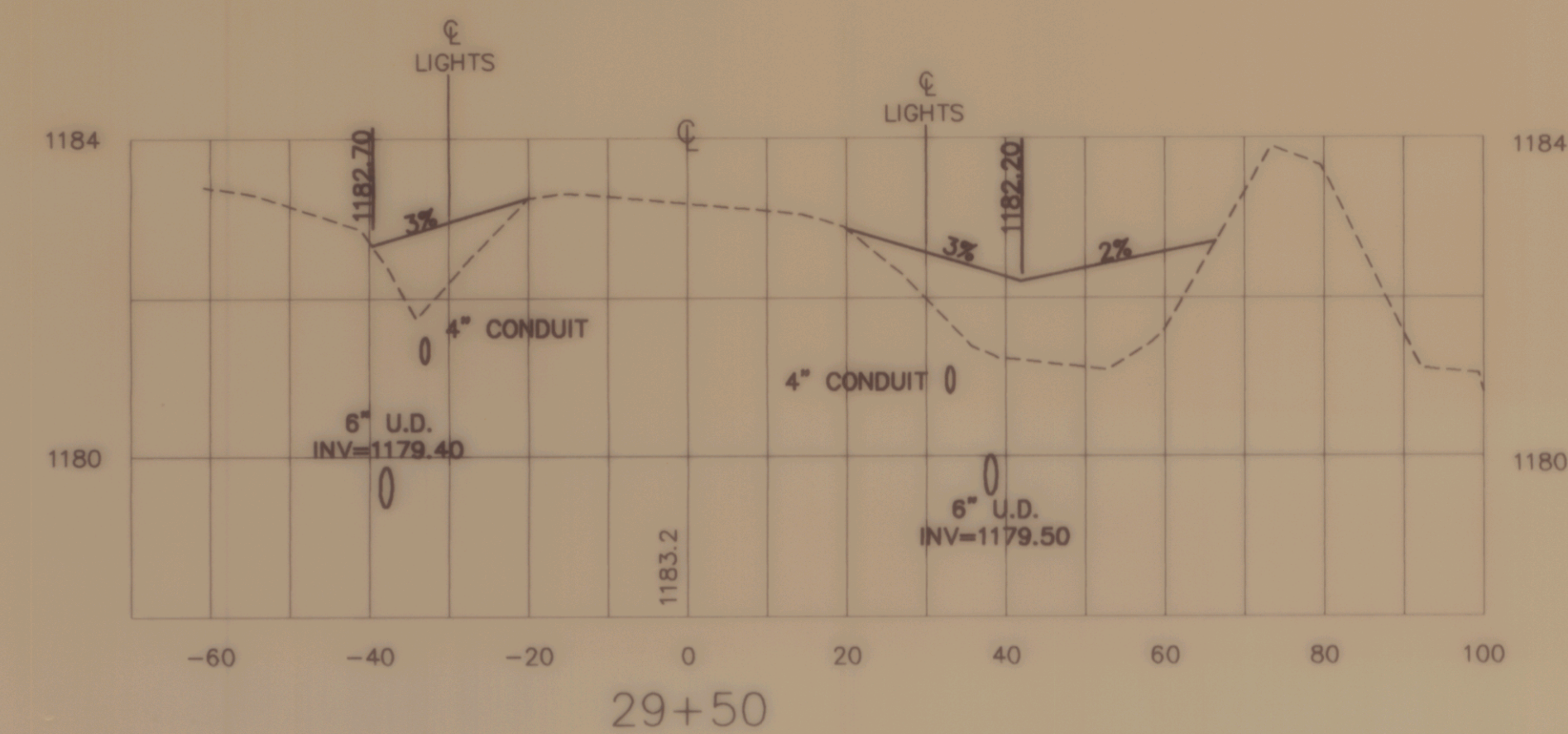
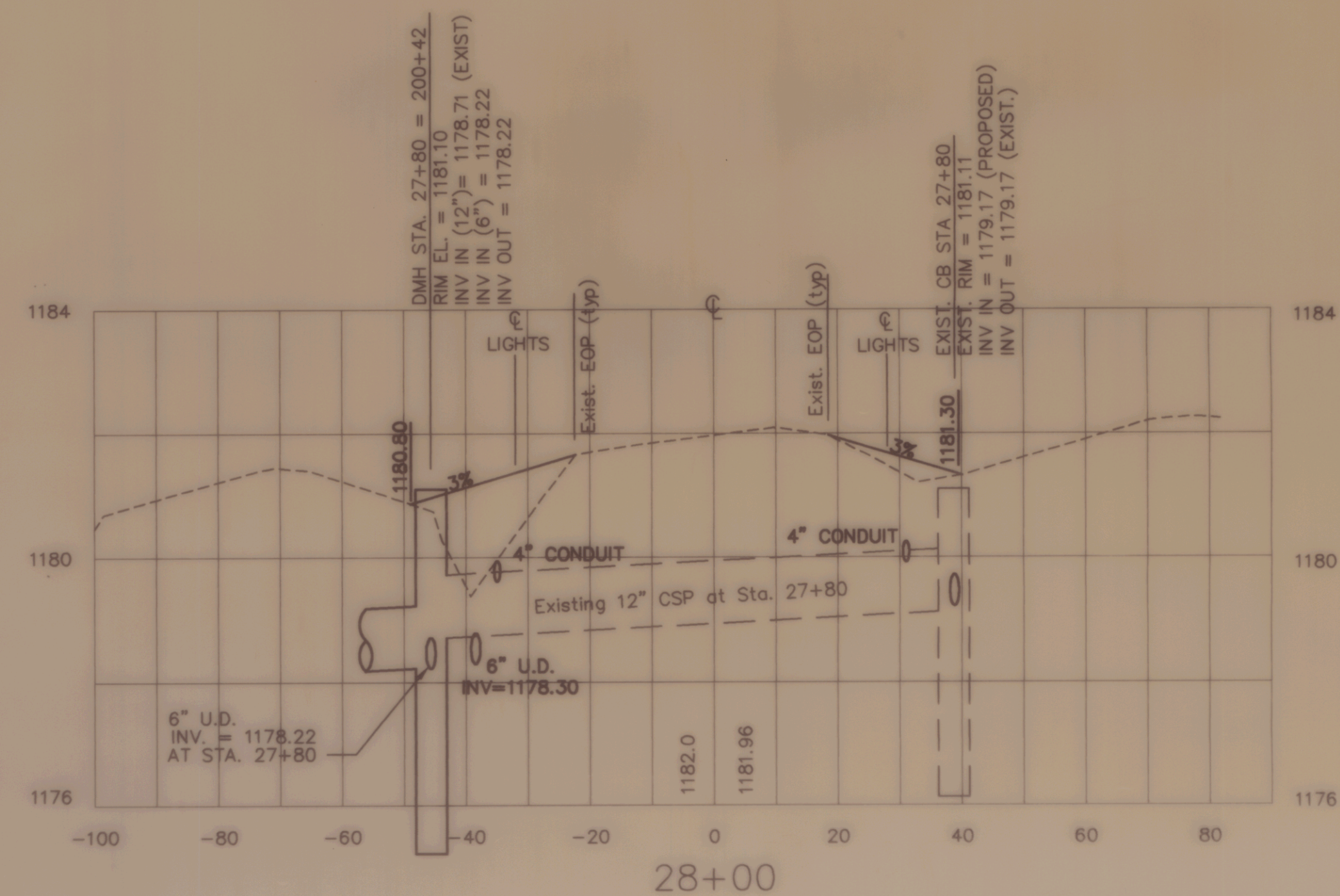
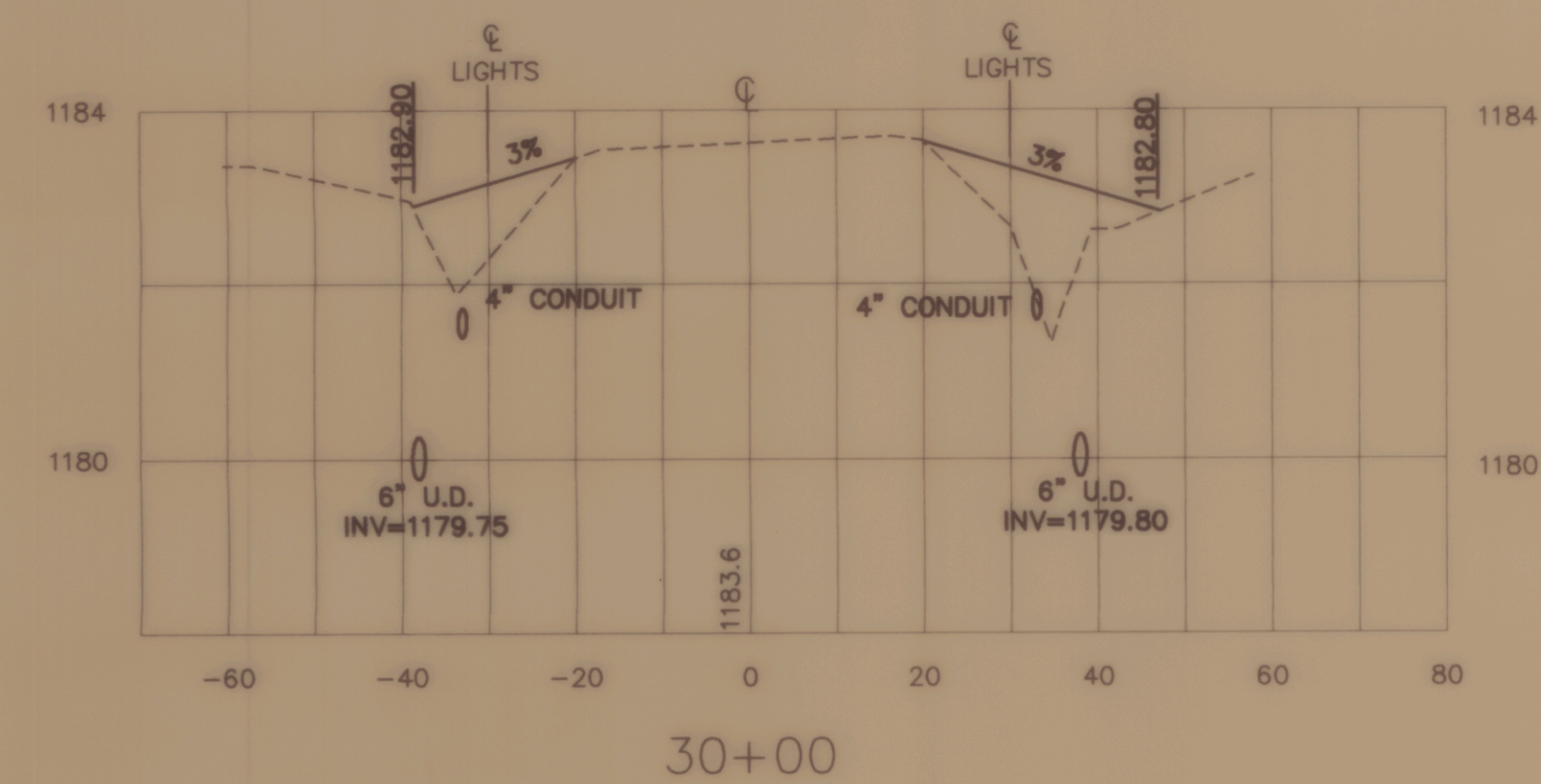
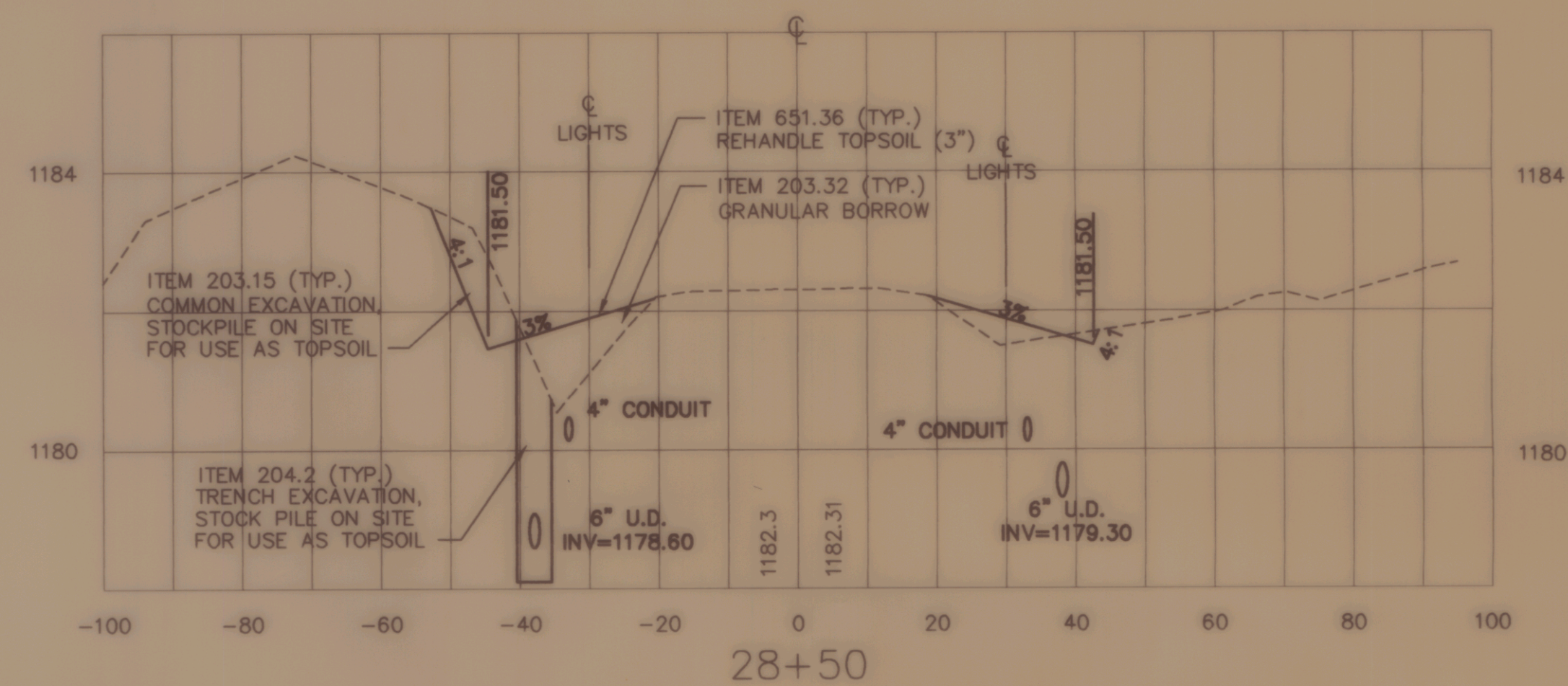
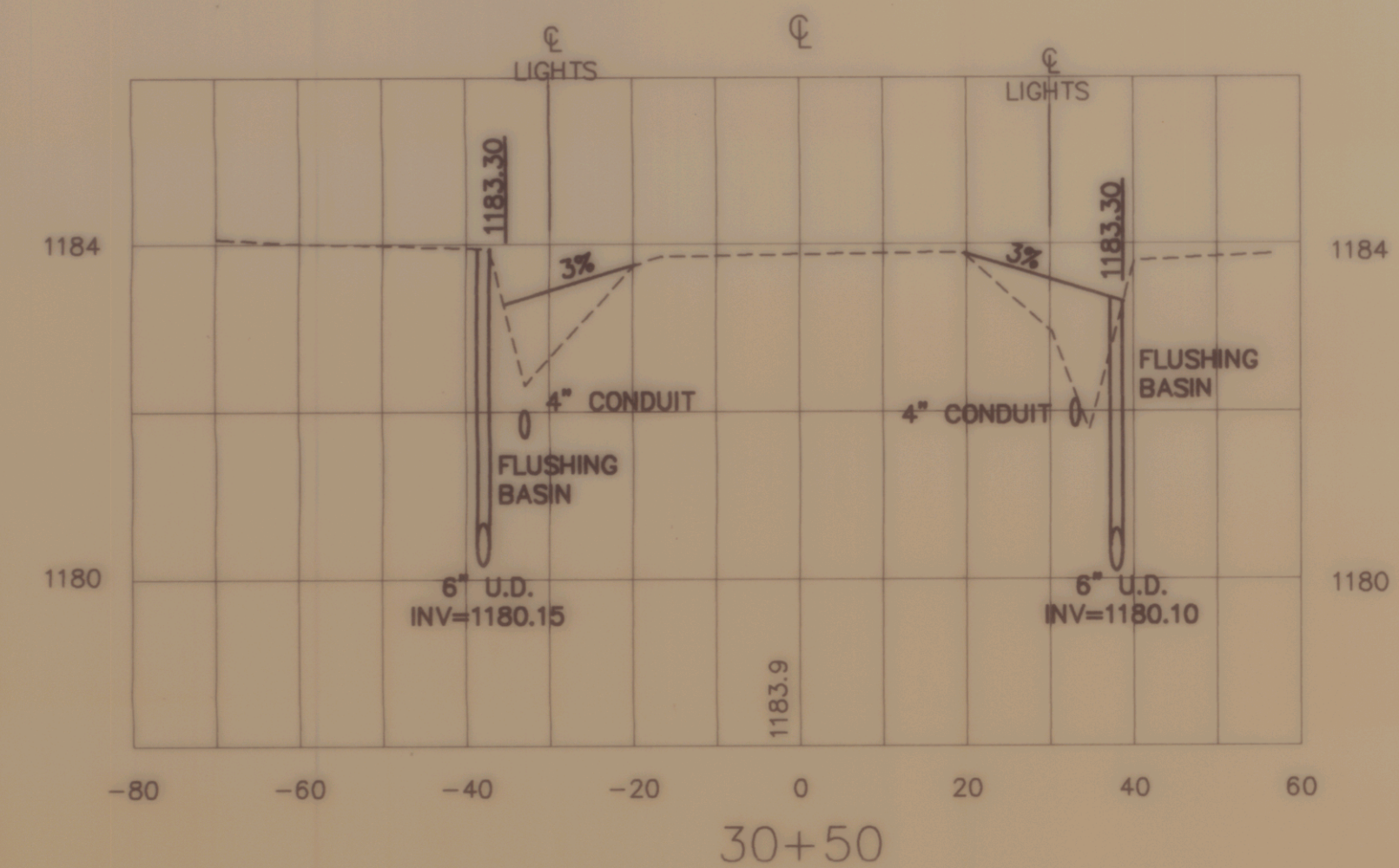
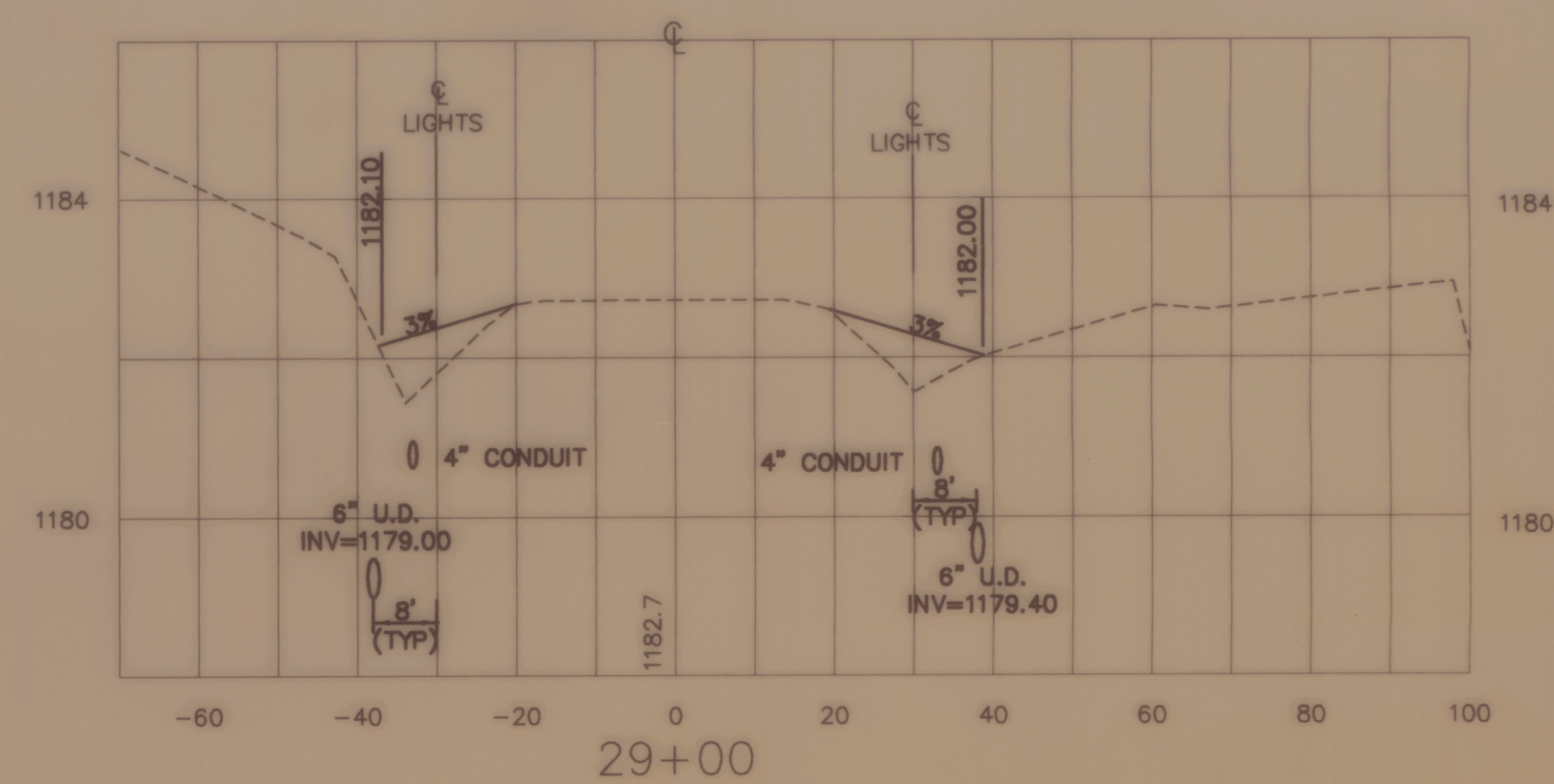
PAVEMENT REPAIR DETAIL
NOT TO SCALE



HOLD SIGN LAYOUT AND HOLD BAR DETAIL
NOT TO SCALE

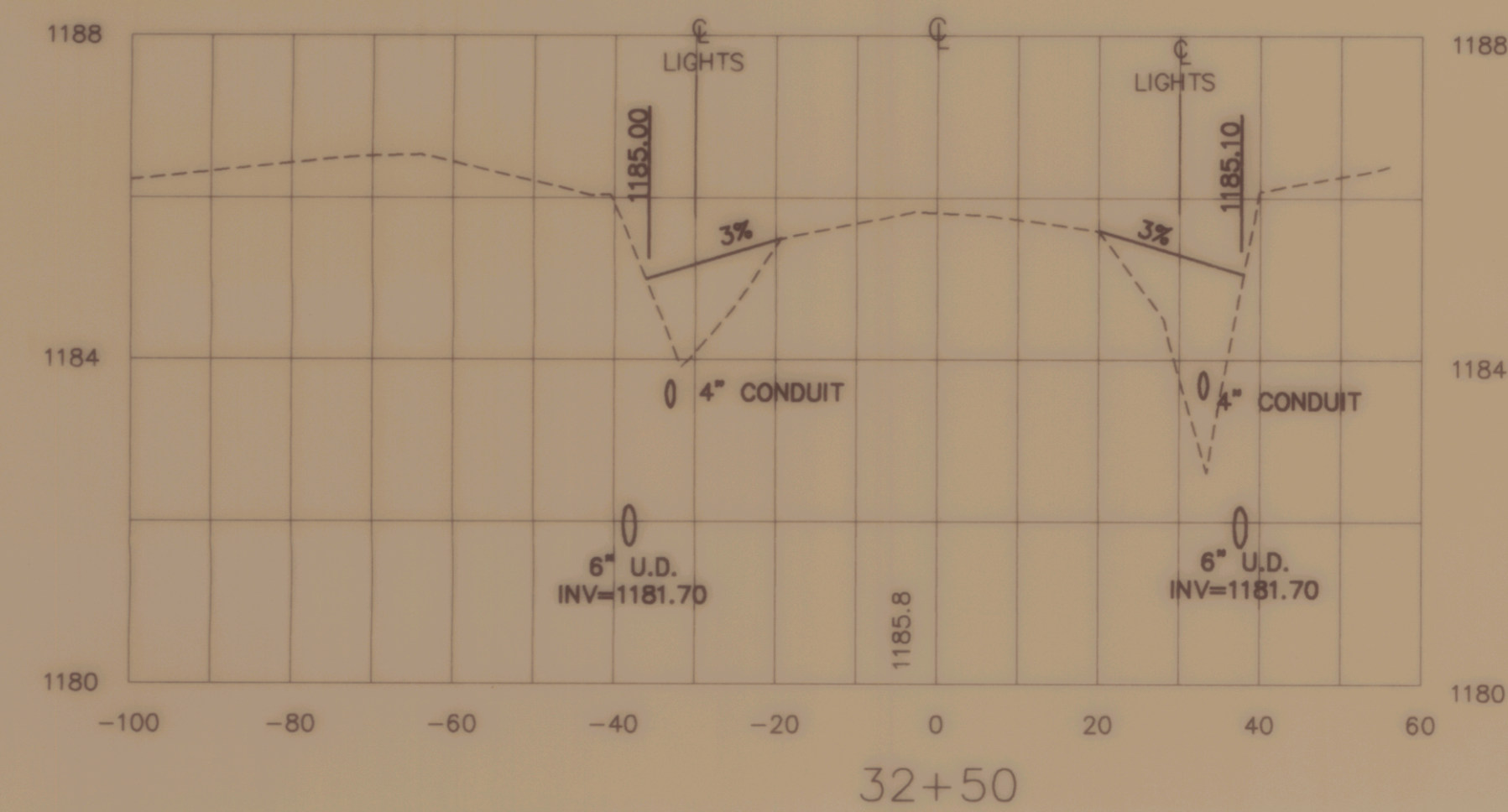
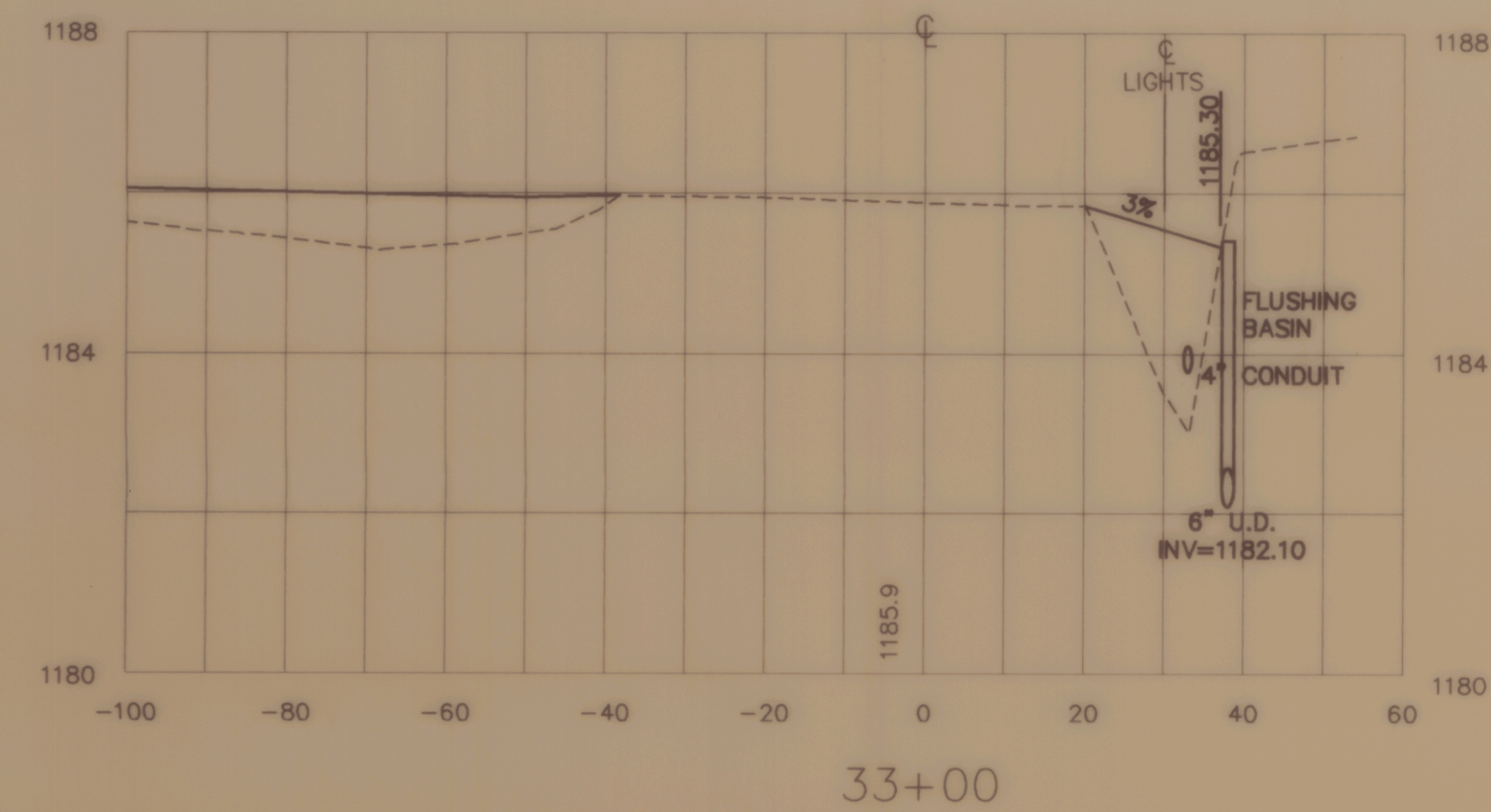
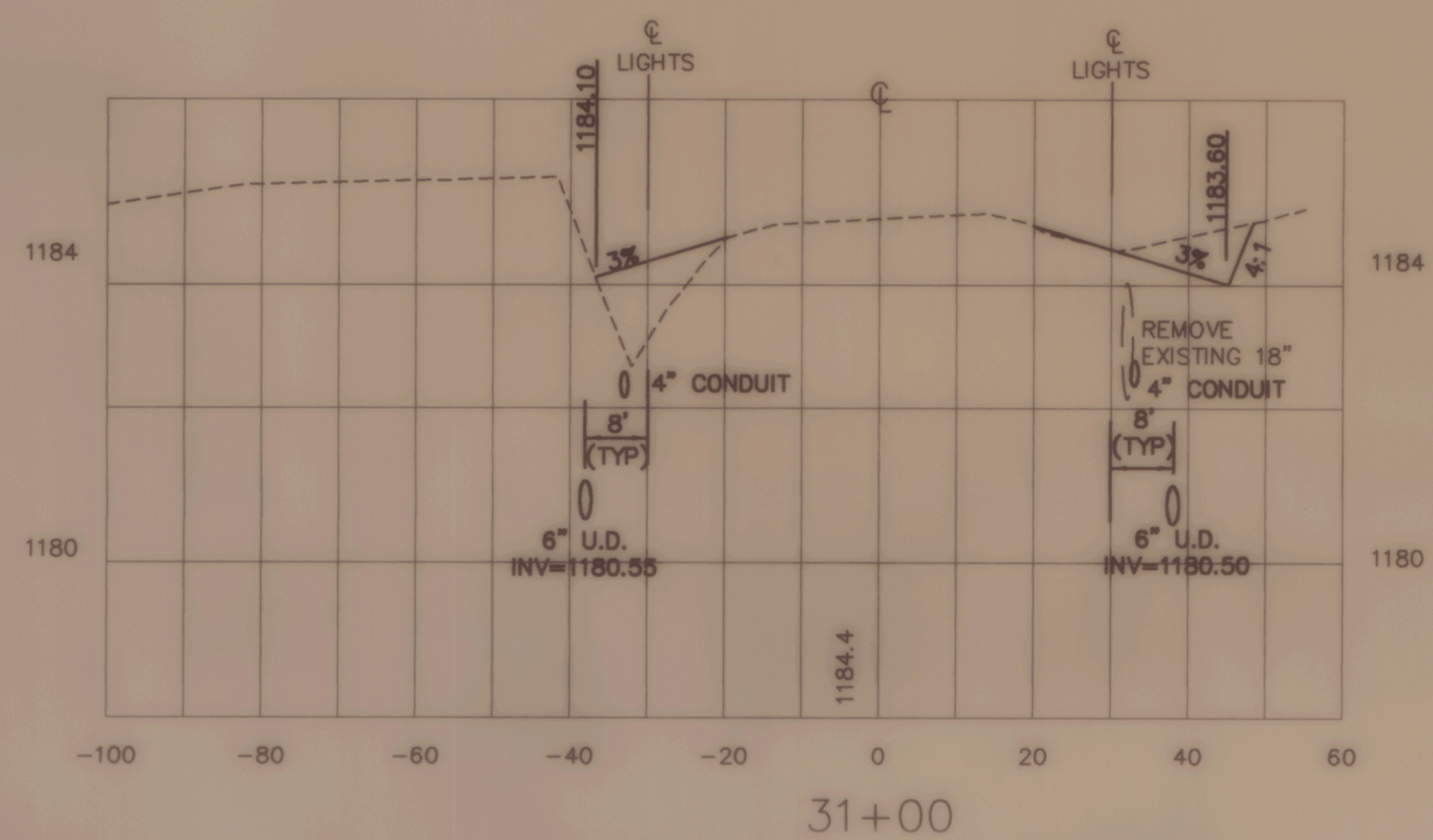
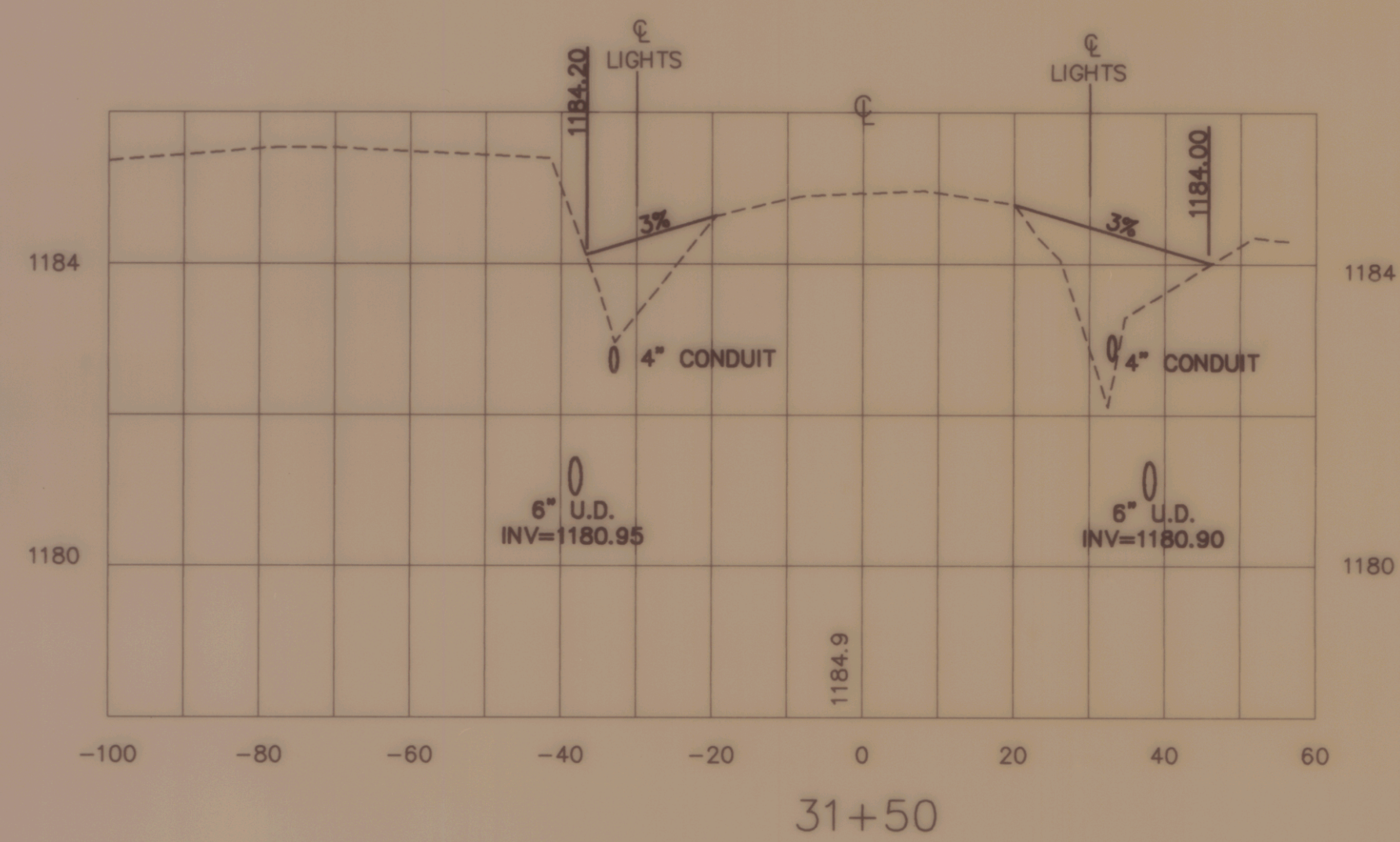
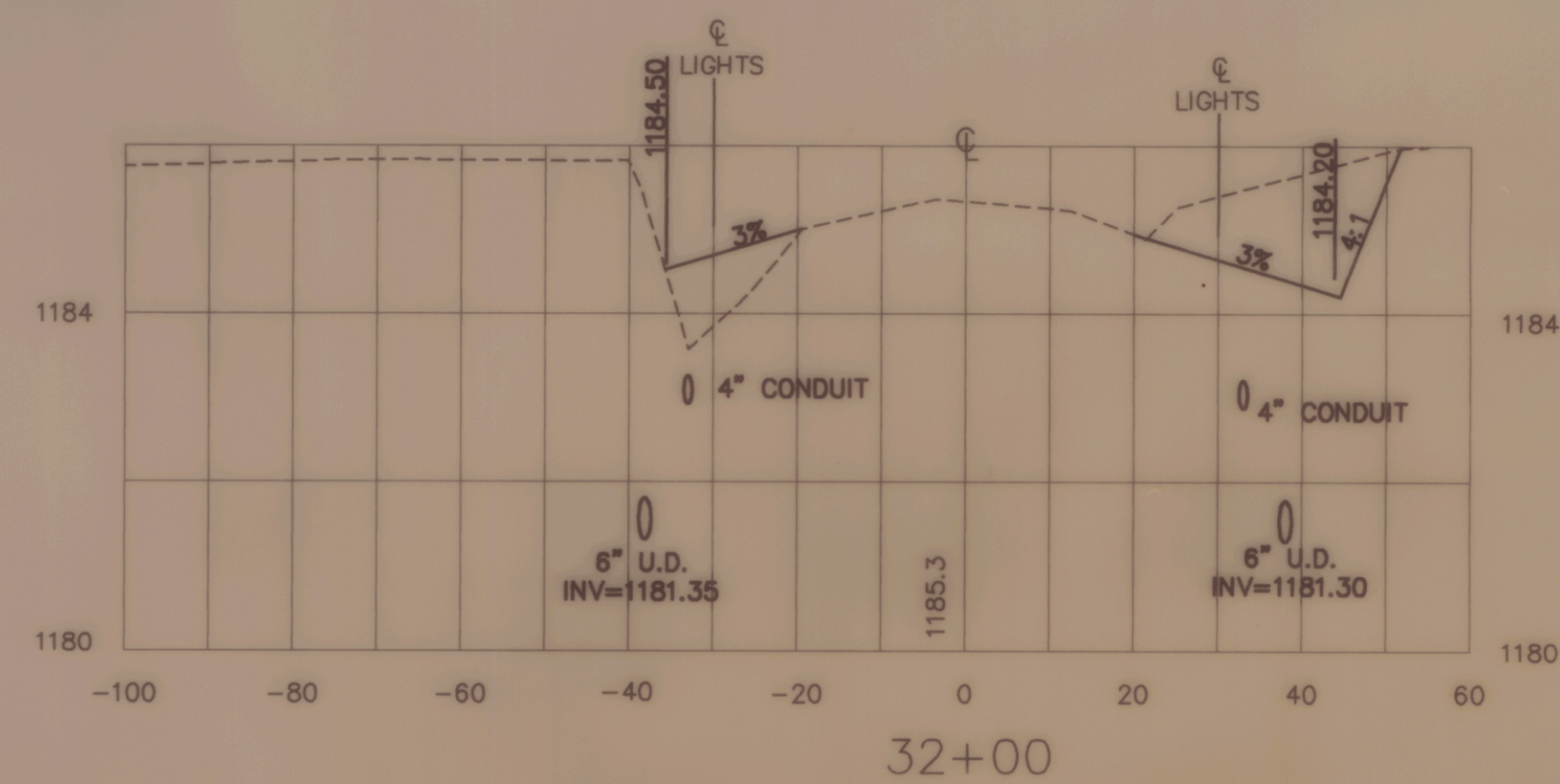
NO.	DATE	REVISION

LIGHTING DETAILS	
OF CALEDONIA COUNTY STATE AIRPORT	
PREPARED FOR VERMONT AGENCY OF TRANSPORTATION	
SCALE AS NOTED	DATE FEBRUARY, 1994
DESIGNED BY JAA	
DRAWN BY MSP	
CHECKED BY JAA	
APPROVED BY JAA	ROUTE 66 PROFESSIONAL PLAZA RANDOLPH, VERMONT (802) 728-1111

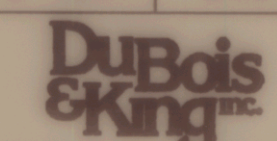


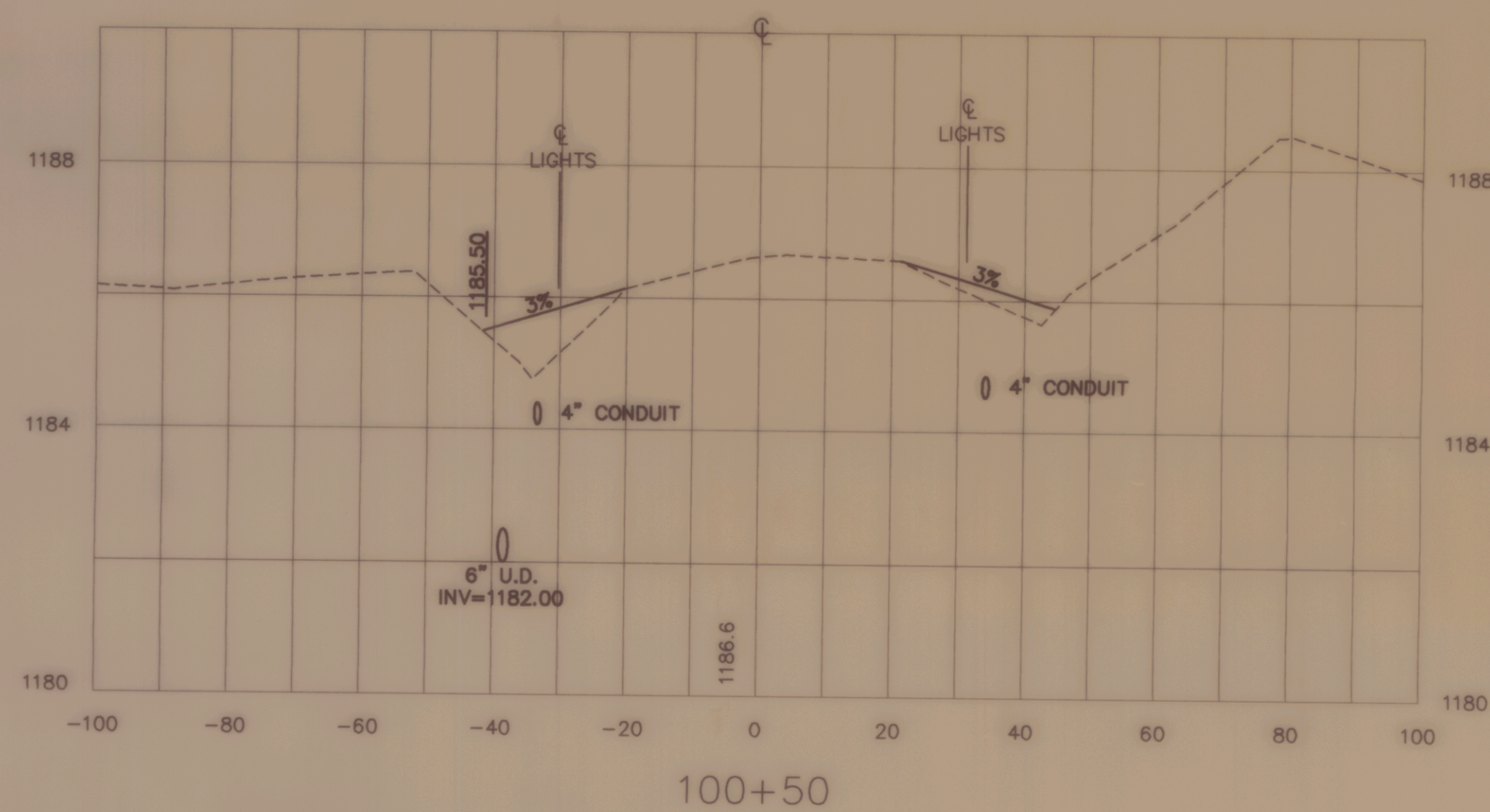
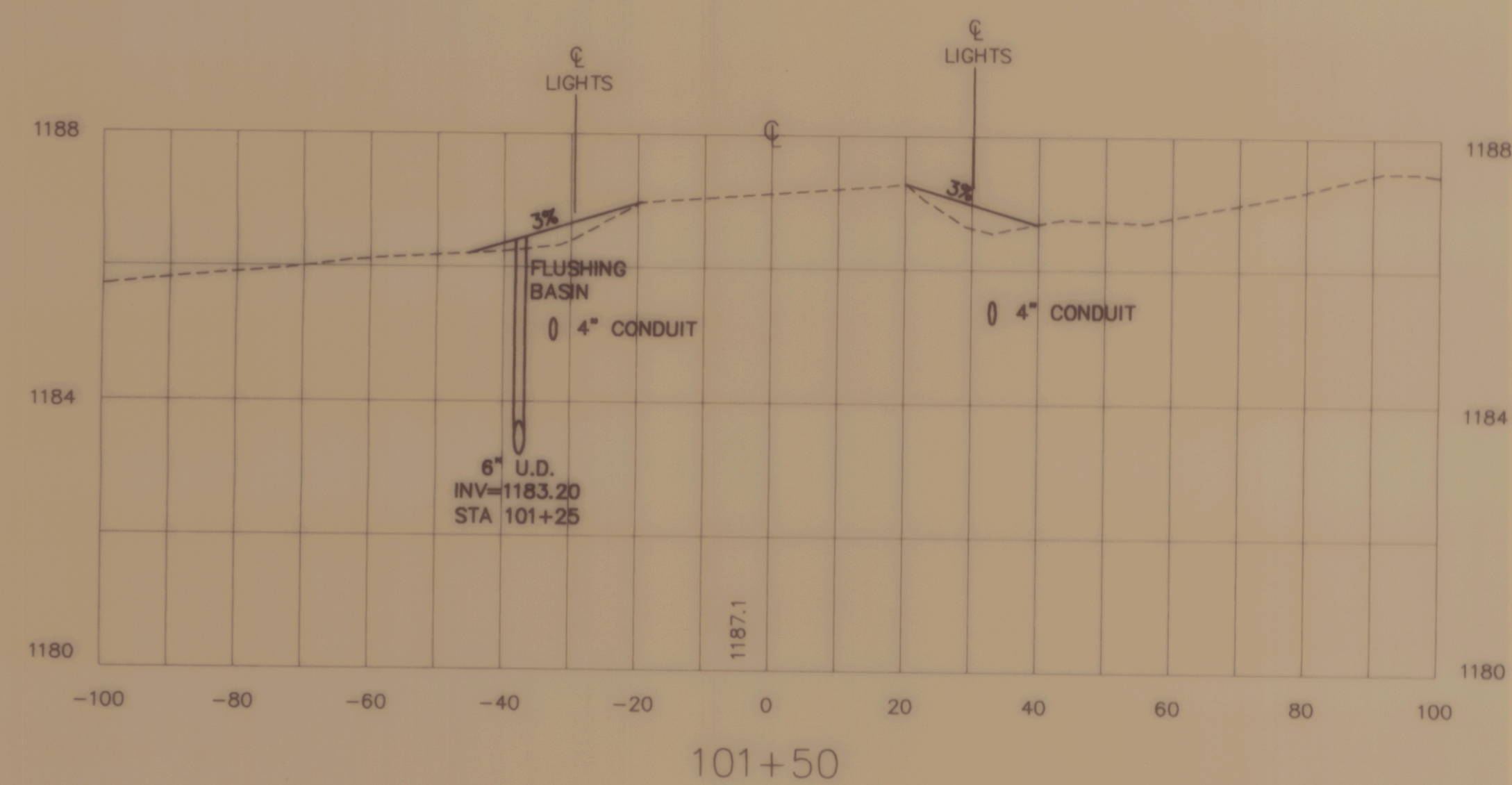
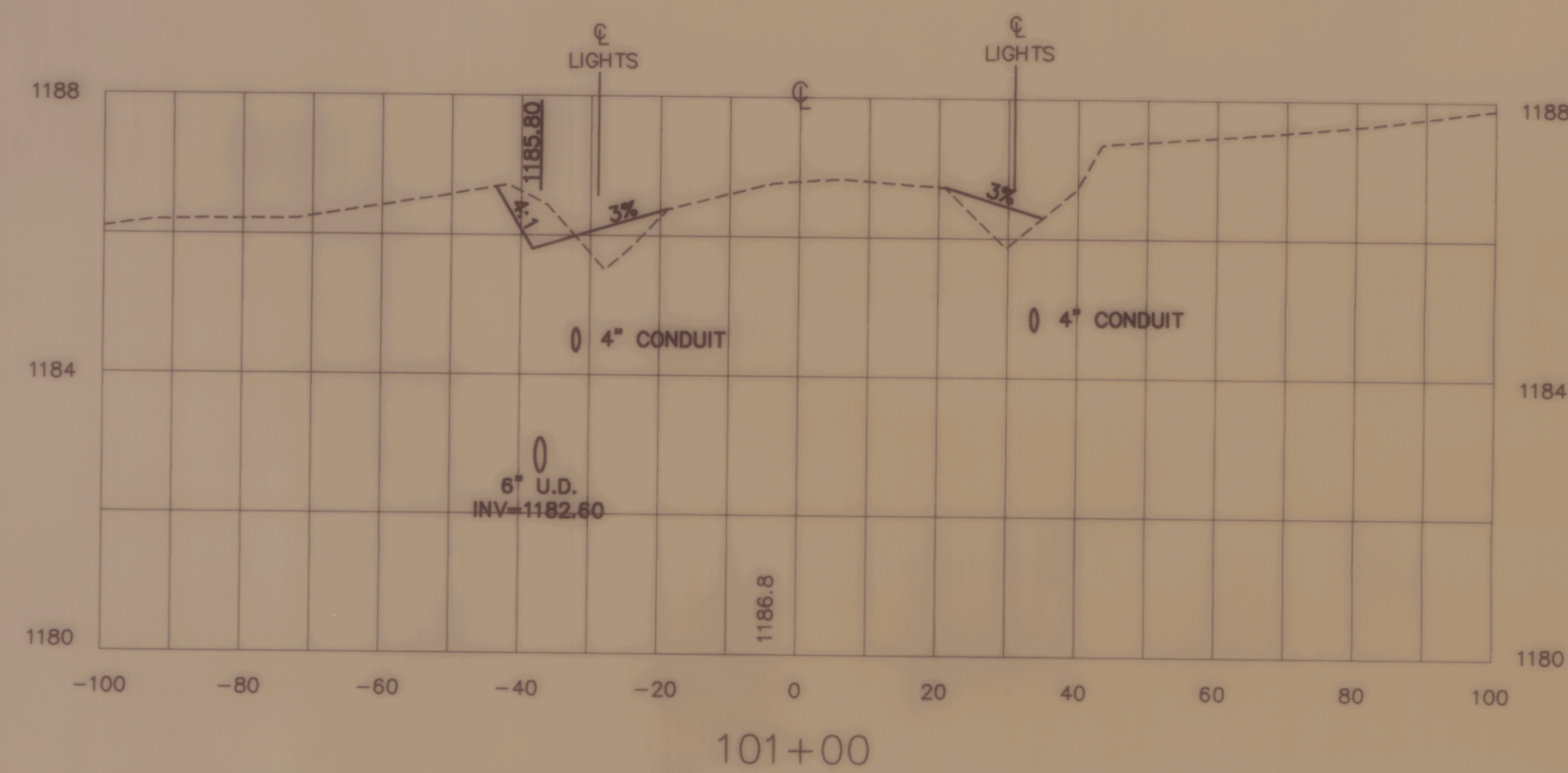
NO.	DATE	REVISION

CROSS SECTIONS OF TAXIWAY	
OF	
CALEDONIA COUNTY STATE AIRPORT	
PREPARED FOR	
VERMONT AGENCY OF TRANSPORTATION	
SCALE : 1" = 20' HORIZ. 1" = 2' VERT.	DATE : NOVEMBER 1994
DESIGNED BY : RLS	
DRAWN BY : SJB	
CHECKED BY : JAA	
APPROVED BY : DAF	
SHEET 7 OF 14	

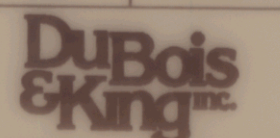


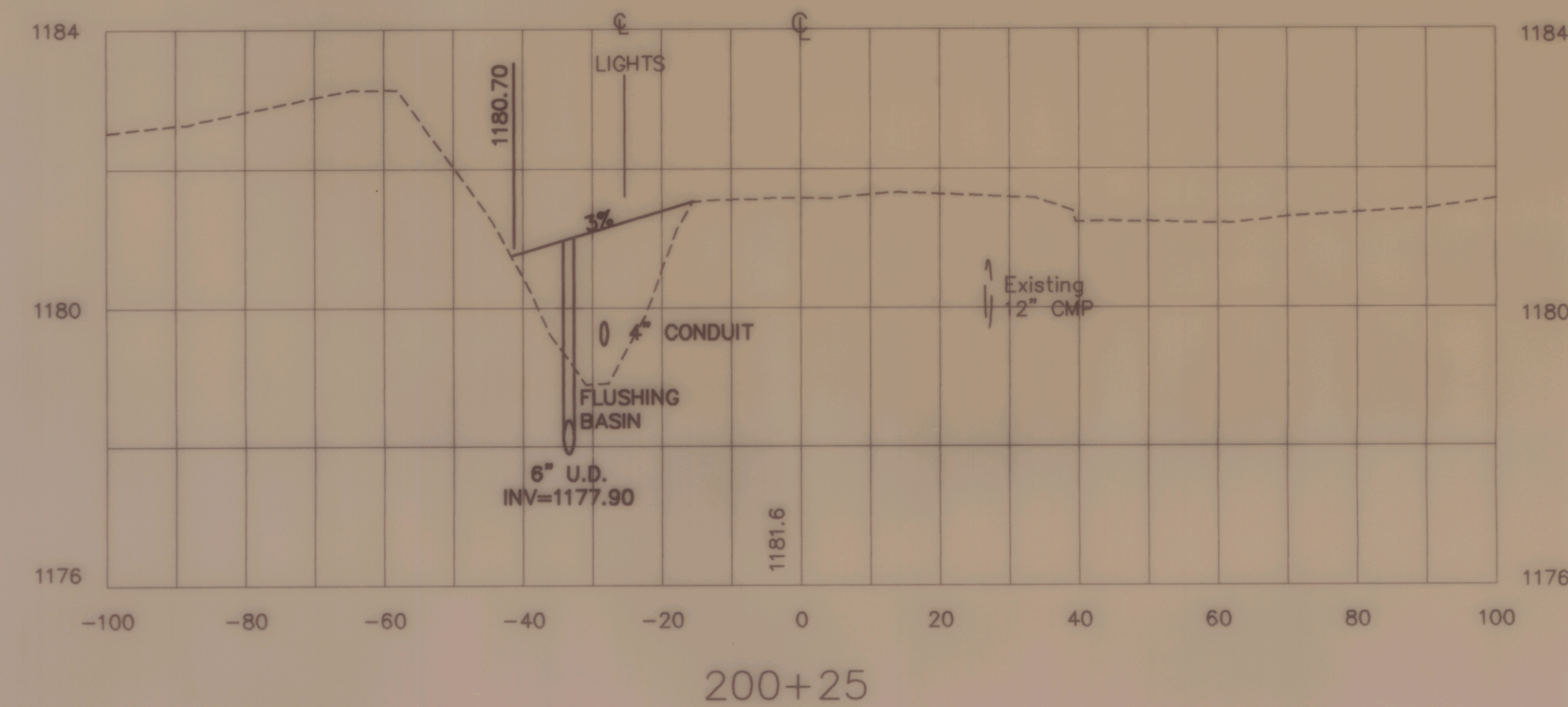
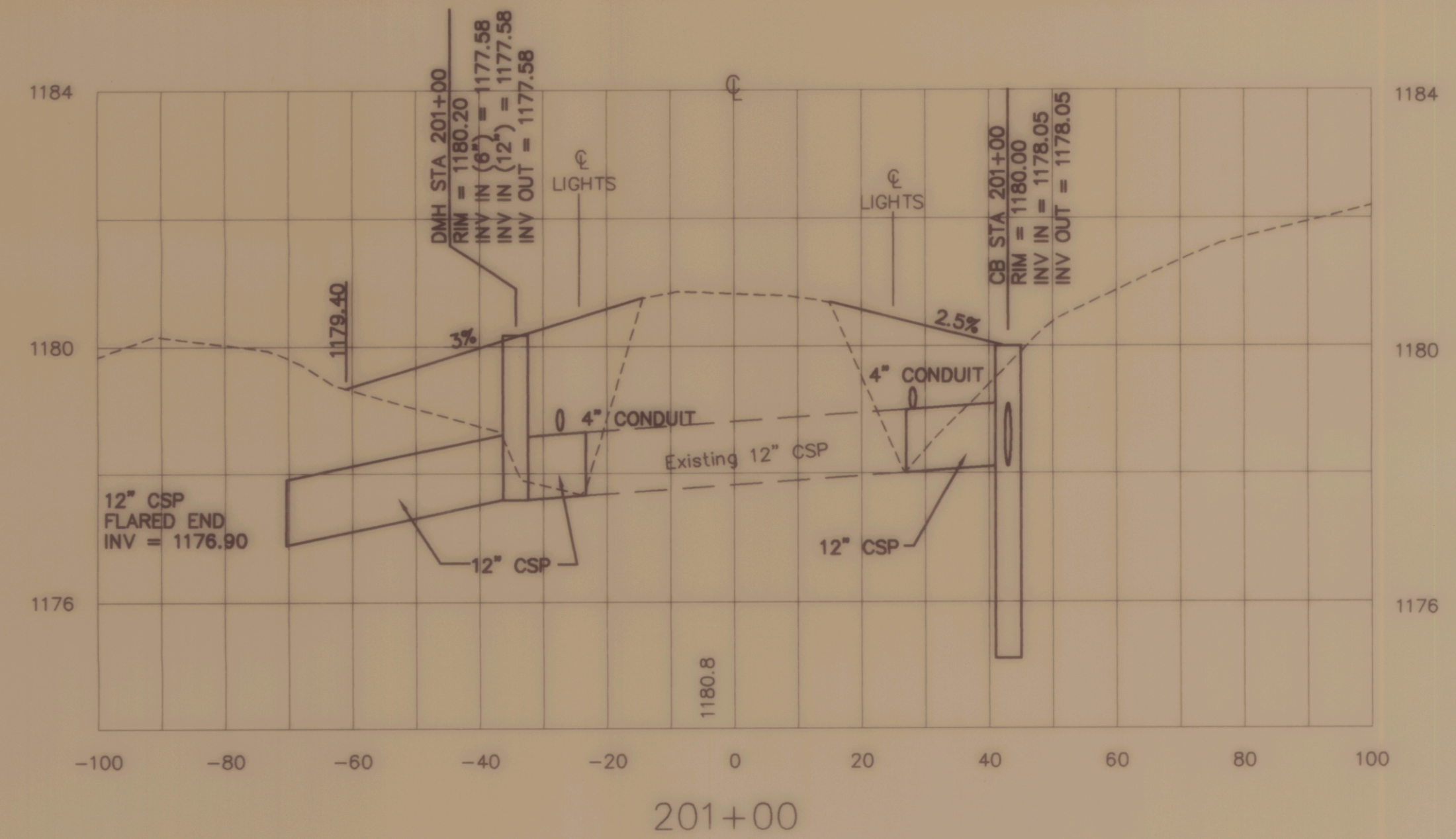
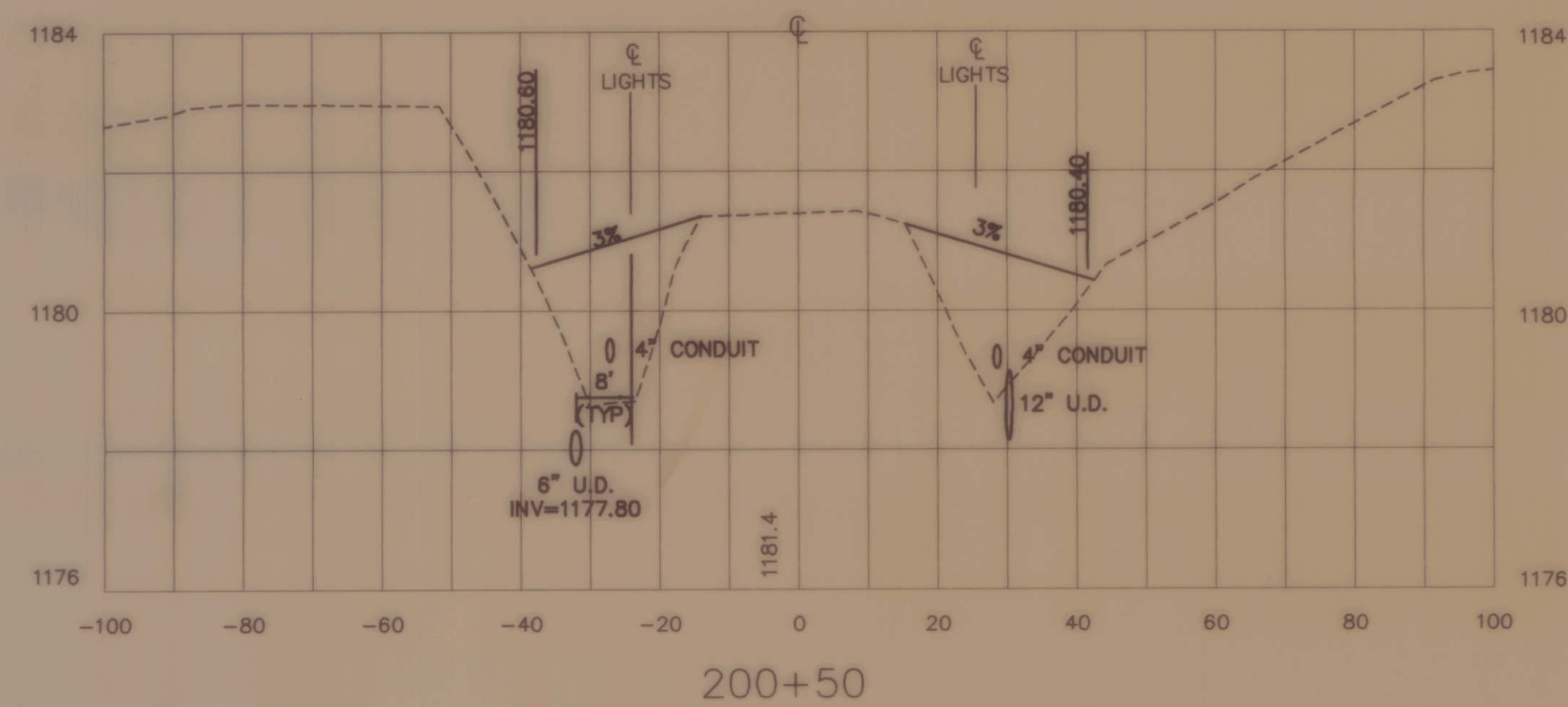
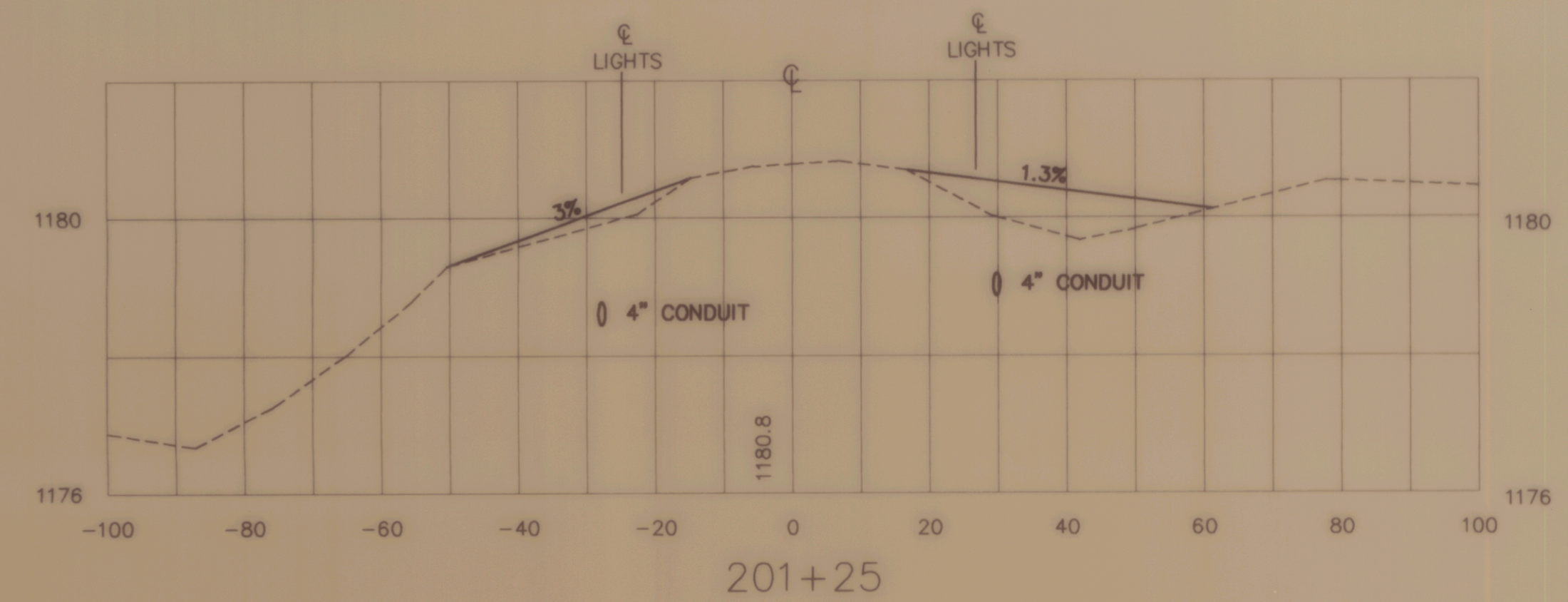
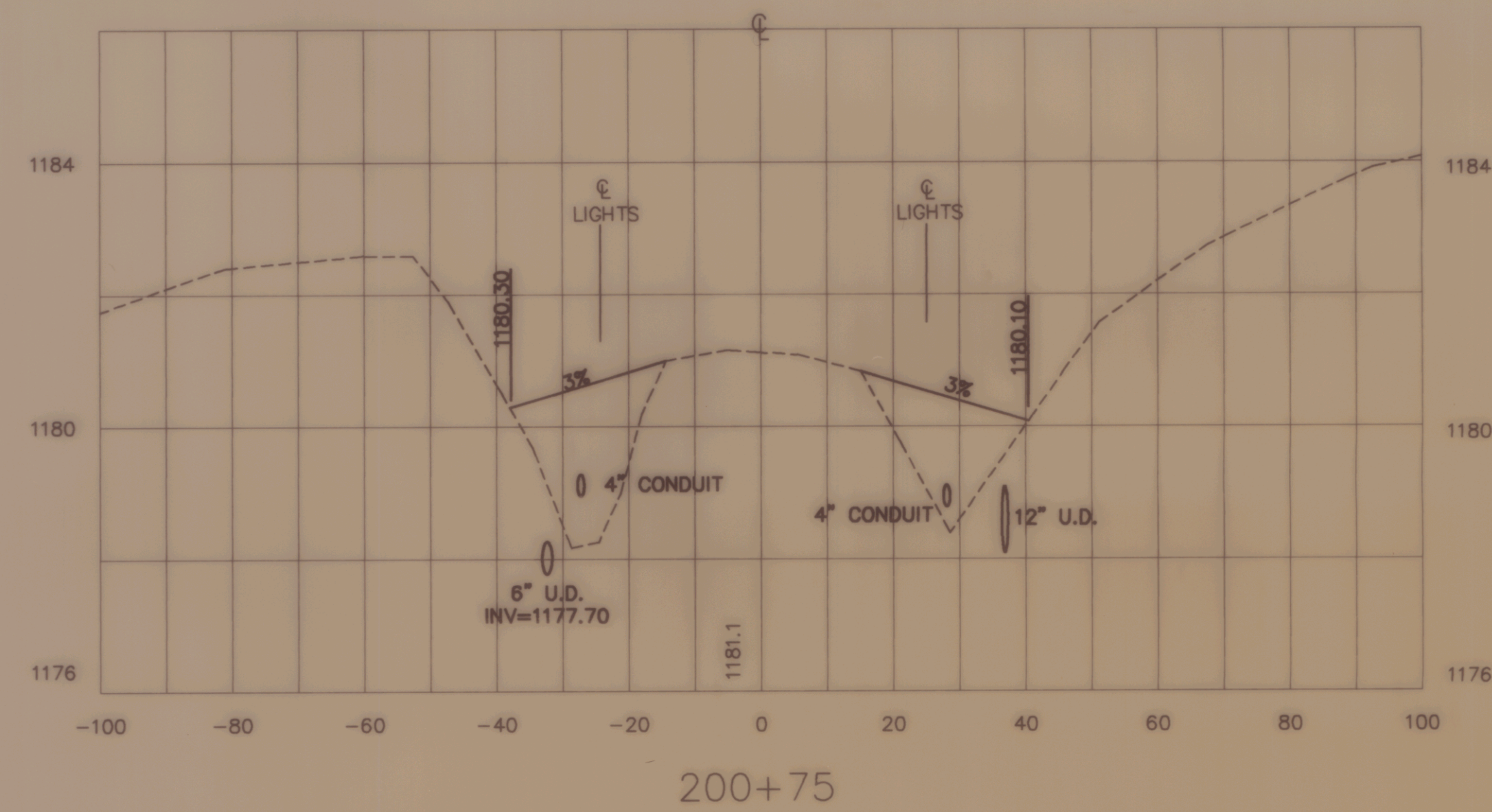
NO.	DATE	REVISION

CROSS SECTIONS OF TAXIWAY A	
OF	
CALEDONIA COUNTY STATE AIRPORT	
PREPARED FOR	
VERMONT AGENCY OF TRANSPORTATION	
SCALE : 1" = 20' HORIZ. 1" = 2' VERT.	DATE : NOVEMBER 1994
DESIGNED BY : RLS	
DRAWN BY : SJB	
CHECKED BY : JAA	
APPROVED BY : DAF	ROUTE 66 PROFESSIONAL PLAZA RANDOLPH, VERMONT (802) 728-3376
SHEET 8 OF 14	JOB NO. N12603



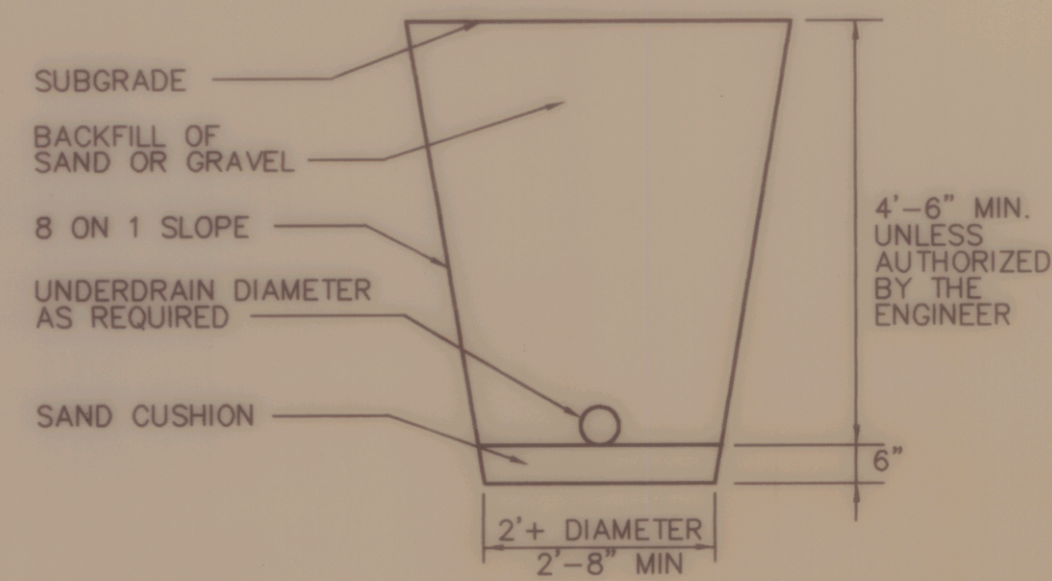
NO.	DATE	REVISION

CROSS SECTIONS OF TAXIWAY B	
OF	
CALEDONIA COUNTY STATE AIRPORT	
PREPARED FOR	
VERMONT AGENCY OF TRANSPORTATION	
SCALE : 1" = 20' HORIZ. 1" = 2' VERT.	DATE : NOVEMBER 1994
DESIGNED BY : RLS DRAWN BY : SJB CHECKED BY : JAA APPROVED BY : DAF	 ROUTE 66 PROFESSIONAL PLAZA RANDOLPH, VERMONT (802) 728-3376
SHEET 9 OF 14	JOB NO. N12603

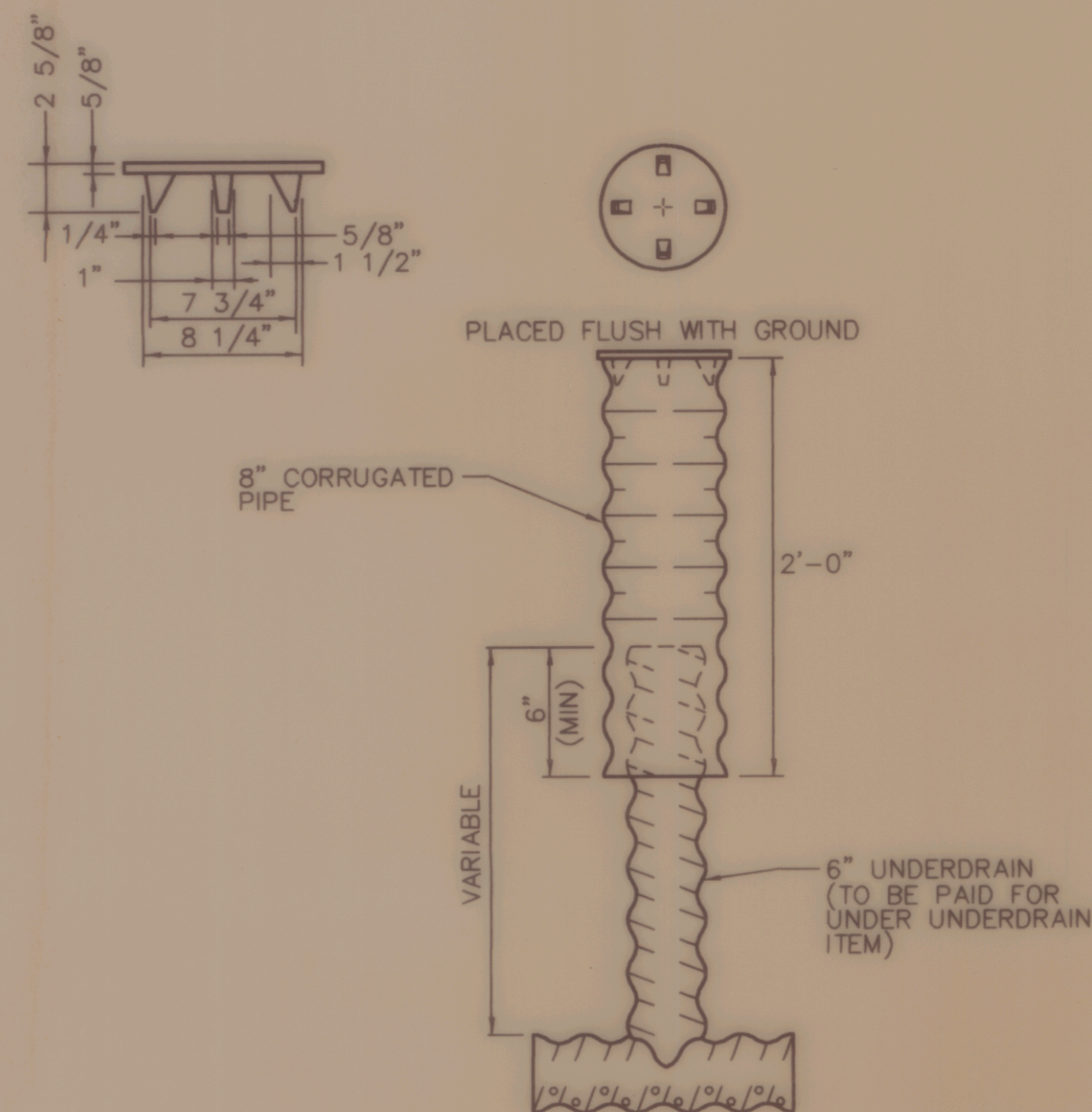


NO.	DATE	REVISION

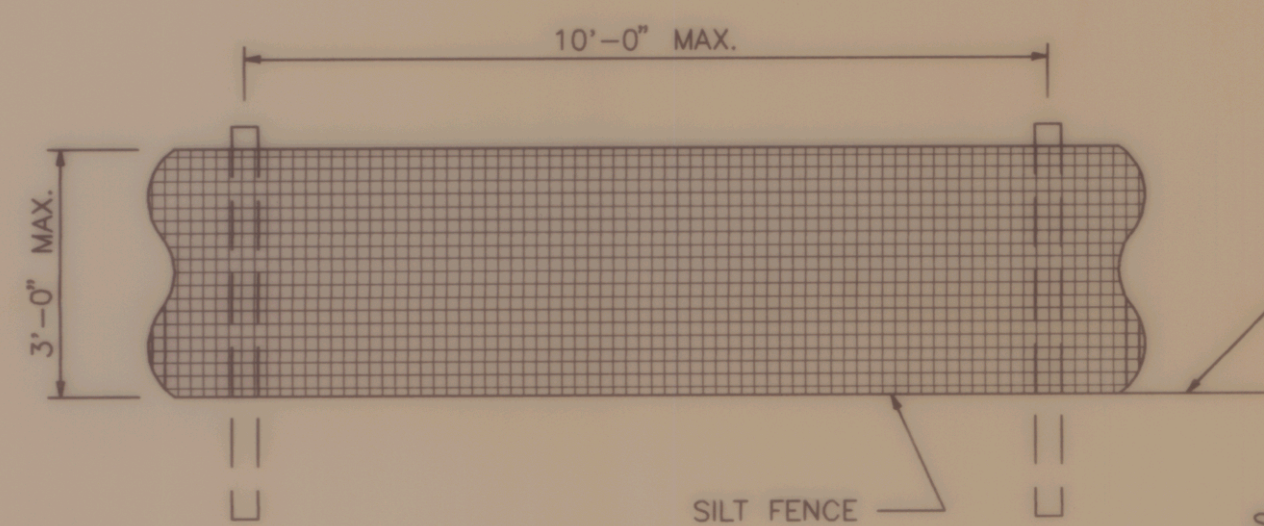
CROSS SECTIONS OF TAXIWAY C OF CALEDONIA COUNTY STATE AIRPORT PREPARED FOR VERMONT AGENCY OF TRANSPORTATION	
SCALE : 1" = 20' HORIZ. 1" = 2' VERT. DESIGNED BY : RLS DRAWN BY : SJB CHECKED BY : JAA APPROVED BY : DAF	DATE : NOVEMBER 1994  ROUTE 88 PROFESSIONAL PLAZA RANDOLPH, VERMONT (802) 728-3376
SHEET 10 OF 14	JOB NO. N12603



UNDERDRAIN CONSTRUCTION
NOT TO SCALE

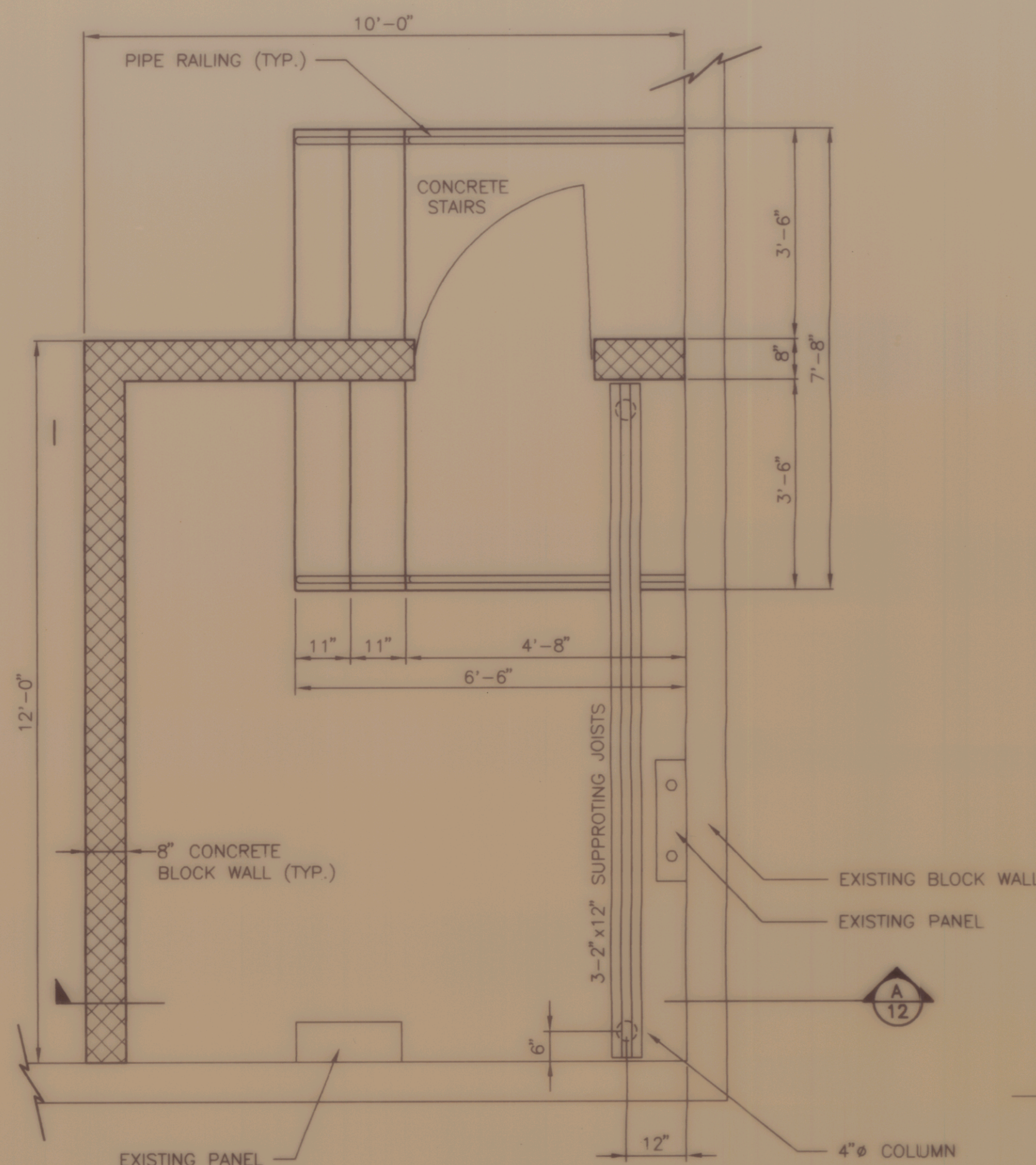


UNDERDRAIN FLUSHING BASIN
NOT TO SCALE



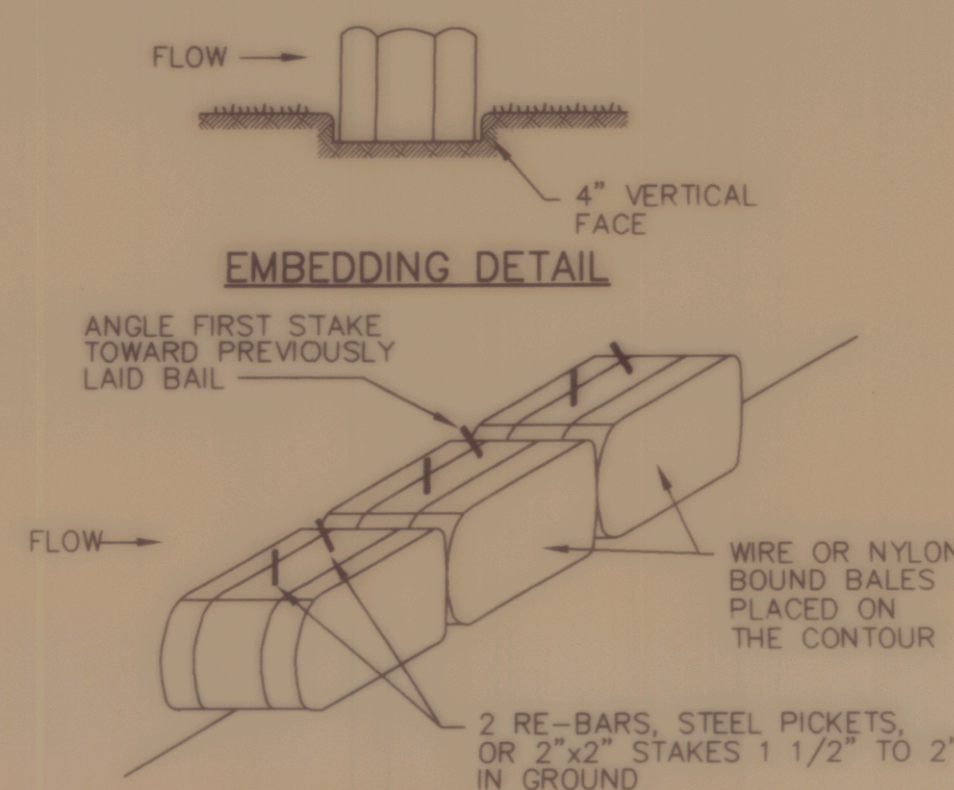
ELEVATION

SILT FENCE
NOT TO SCALE



ELECTRICAL ROOM STRUCTURAL PLAN
SCALE: 1/2" = 1'-0"

SECTION A-12
SCALE: 1/2" = 1'-0"

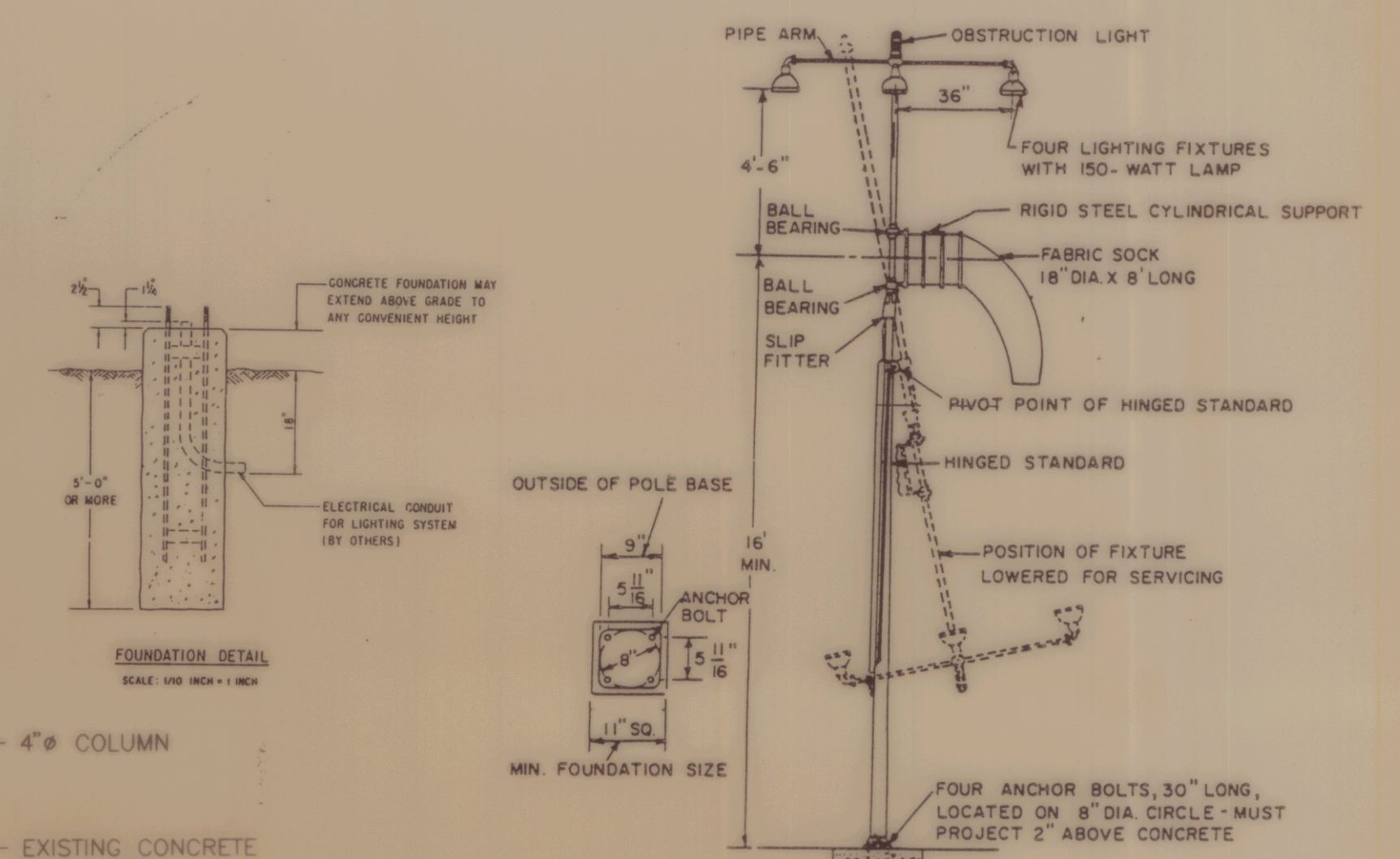


ANCHORING DETAIL

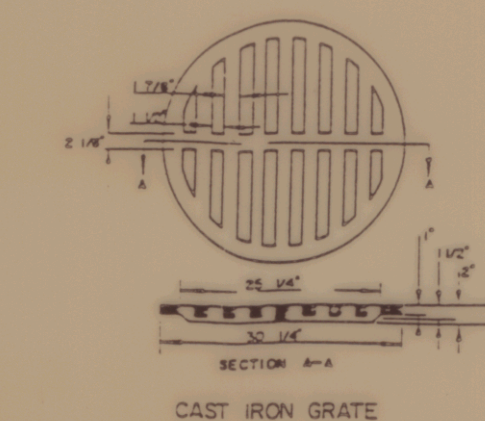
CONSTRUCTION SPECIFICATIONS

- BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4".
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
- INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

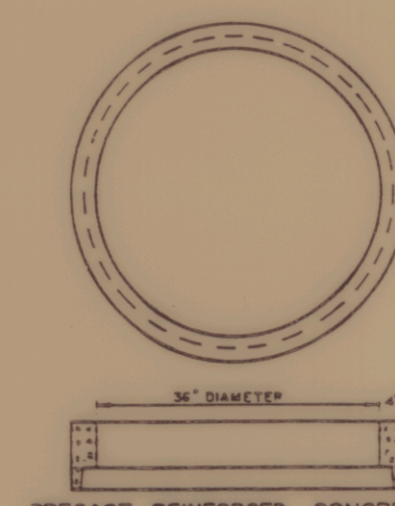
STRAW OR HAY BALE DIKE
NOT TO SCALE



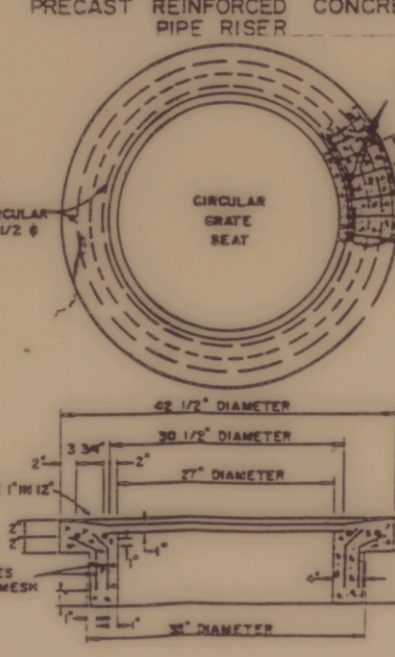
WIND CONE DETAIL
NOT TO SCALE



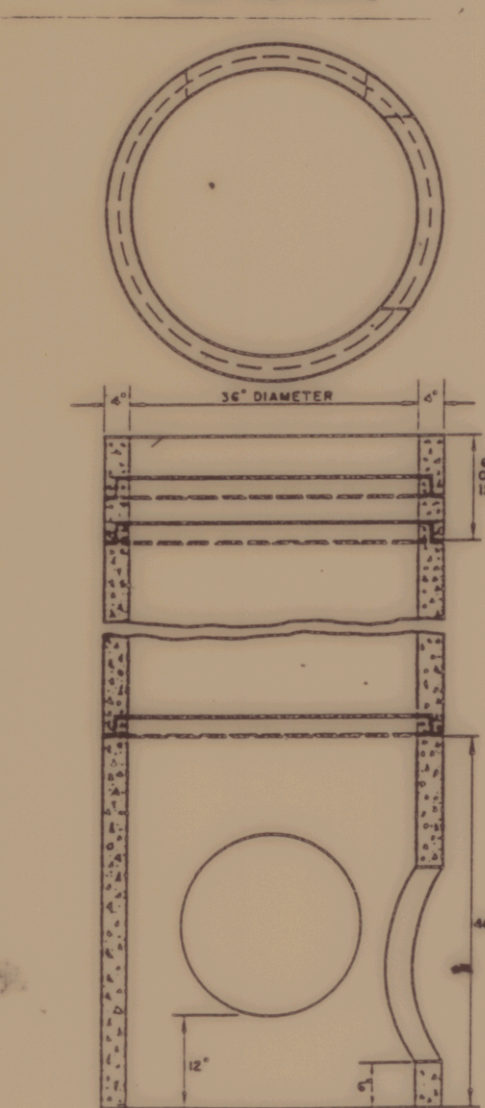
CAST IRON GRATE



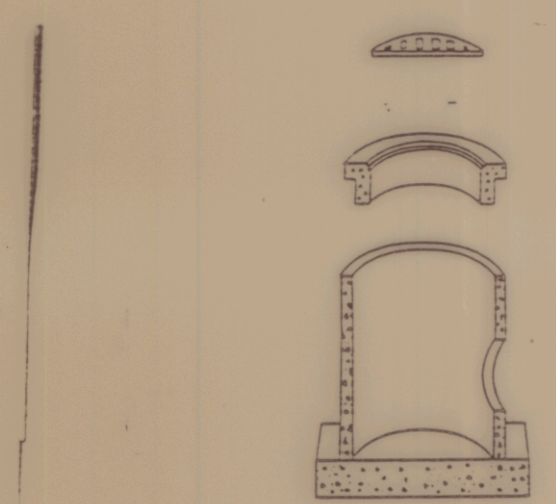
PRECAST REINFORCED CONCRETE PIPE RISER



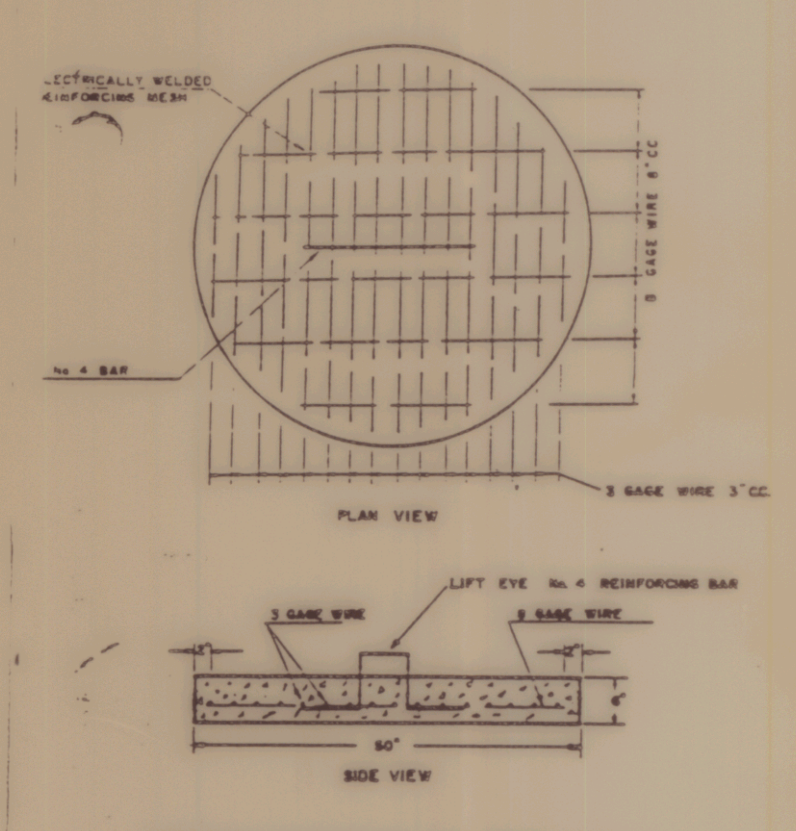
PRECAST REINFORCED CONCRETE RING FOR GRATE



PIPE SECTIONS FOR DROP INLETS



PRECAST REINFORCED CONCRETE PIPE DROP INLET WITH CAST IRON GRATE



PRECAST REINFORCED CONCRETE BASE

PRECAST REINFORCED CONCRETE CATCH BASIN AND DRAIN MANHOLE
NOT TO SCALE

NOTES

- SILT FENCE SHALL CONSIST OF AN APPROVED PREFABRICATED SILT FENCE WITH FABRIC ATTACHED TO POSTS AND SHALL BE ASSEMBLED IN THE FIELD ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. WIRE MESH REINFORCEMENT AND/OR CLOSER POST SPACING MAY BE ORDERED BY THE ENGINEER IN AREAS WHERE HIGH RUNOFF VOLUMES ARE ANTICIPATED, OR IN LOW SPOTS WHERE SEDIMENT WILL BE COLLECTED.
- PRIOR TO BEGINNING EARTHWORK OPERATIONS AT LOCATIONS DIRECTED BY THE ENGINEER, SILT FENCE SHALL BE CONSTRUCTED ALONG THE TOE OF PROPOSED EMBANKMENT SLOPES AT THE LIMITS OF CLEARING.

MISCELLANEOUS DETAILS

OF
CALEDONIA COUNTY STATE AIRPORT
PREPARED FOR
VERMONT AGENCY OF TRANSPORTATION

SCALE: AS NOTED

DATE: DEC. 6, 1994

DESIGNED BY: RLS
DRAWN BY: GNS
CHECKED BY: JAA
APPROVED BY: DAF

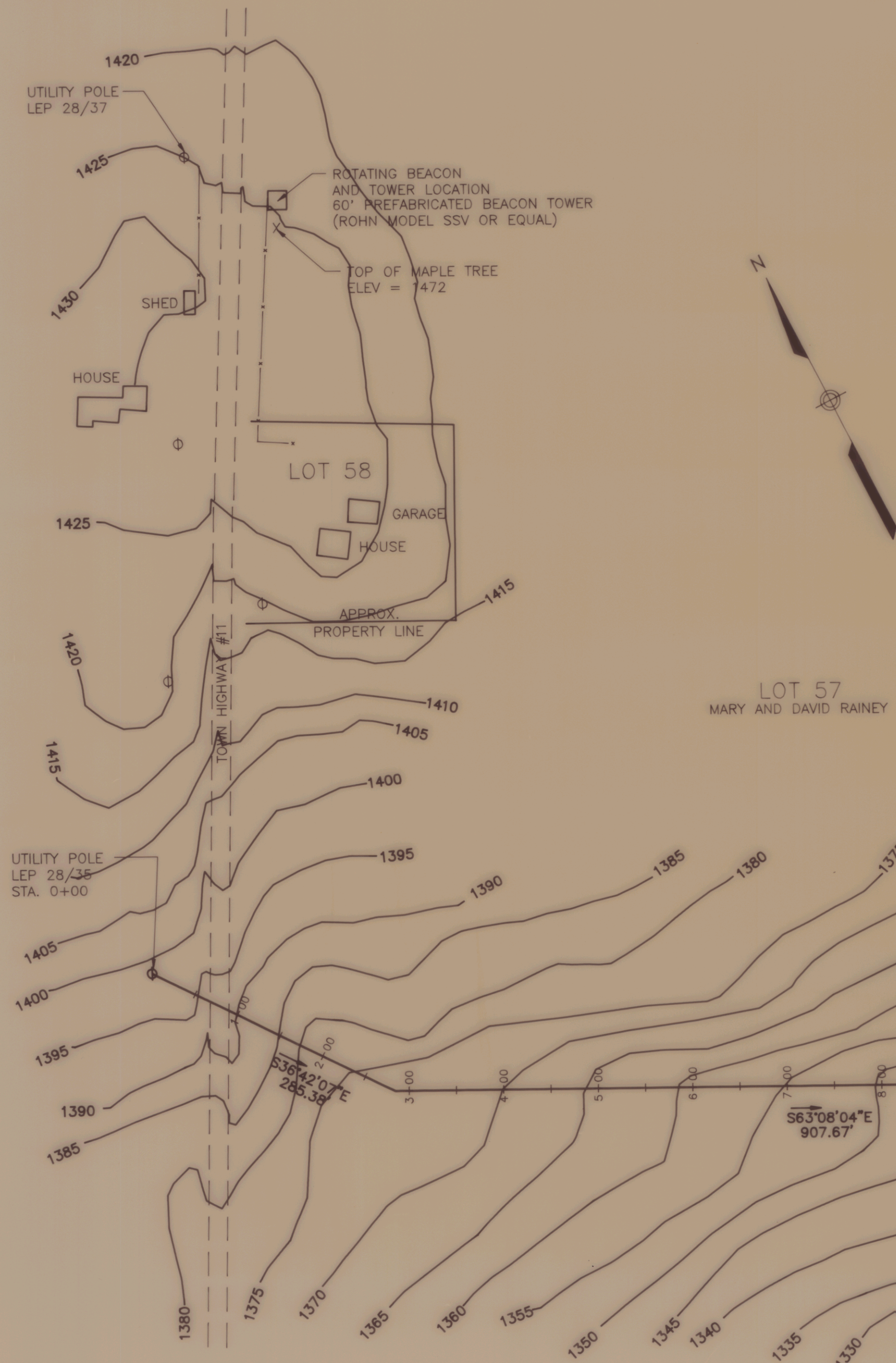
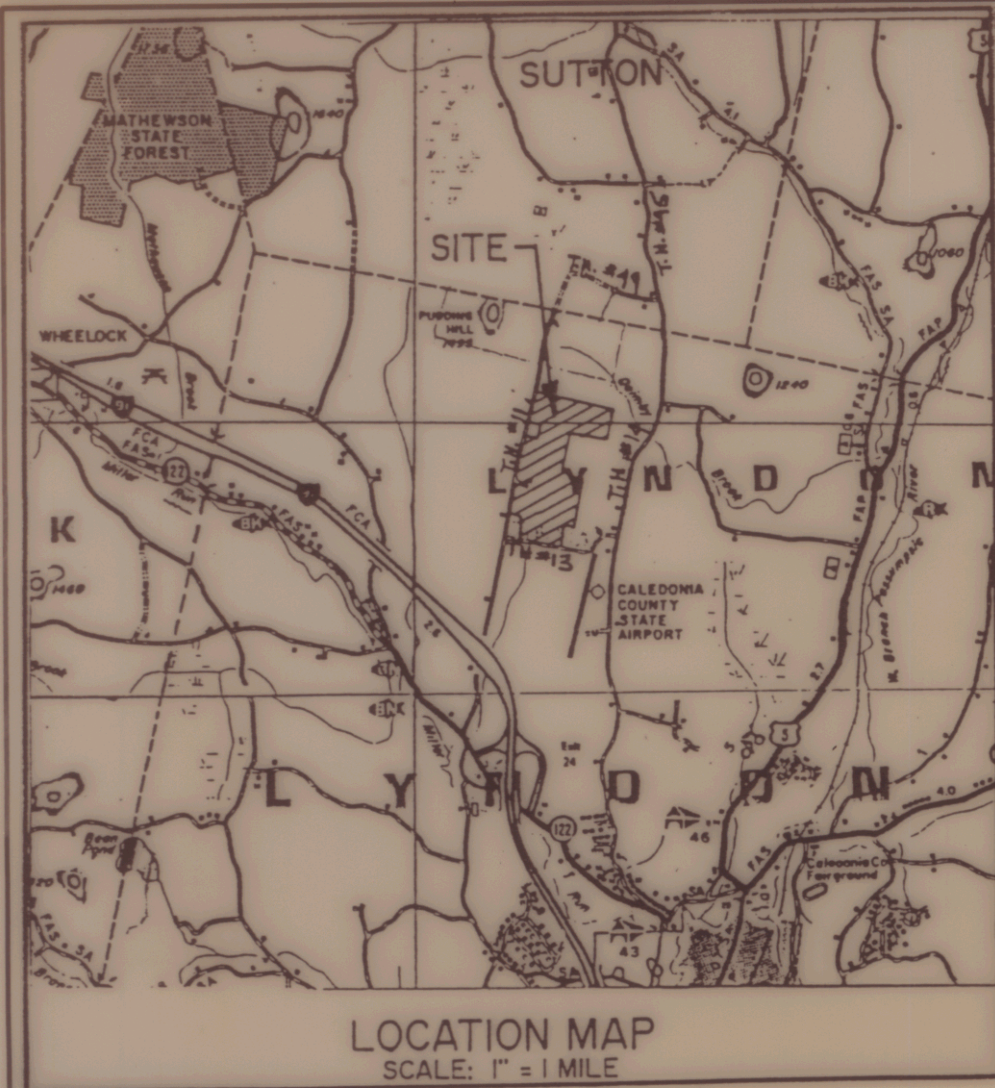
DuBois & King

ROUTE 66 PROFESSIONAL PLAZA
RANDOLPH, VERMONT
(802) 728-3376

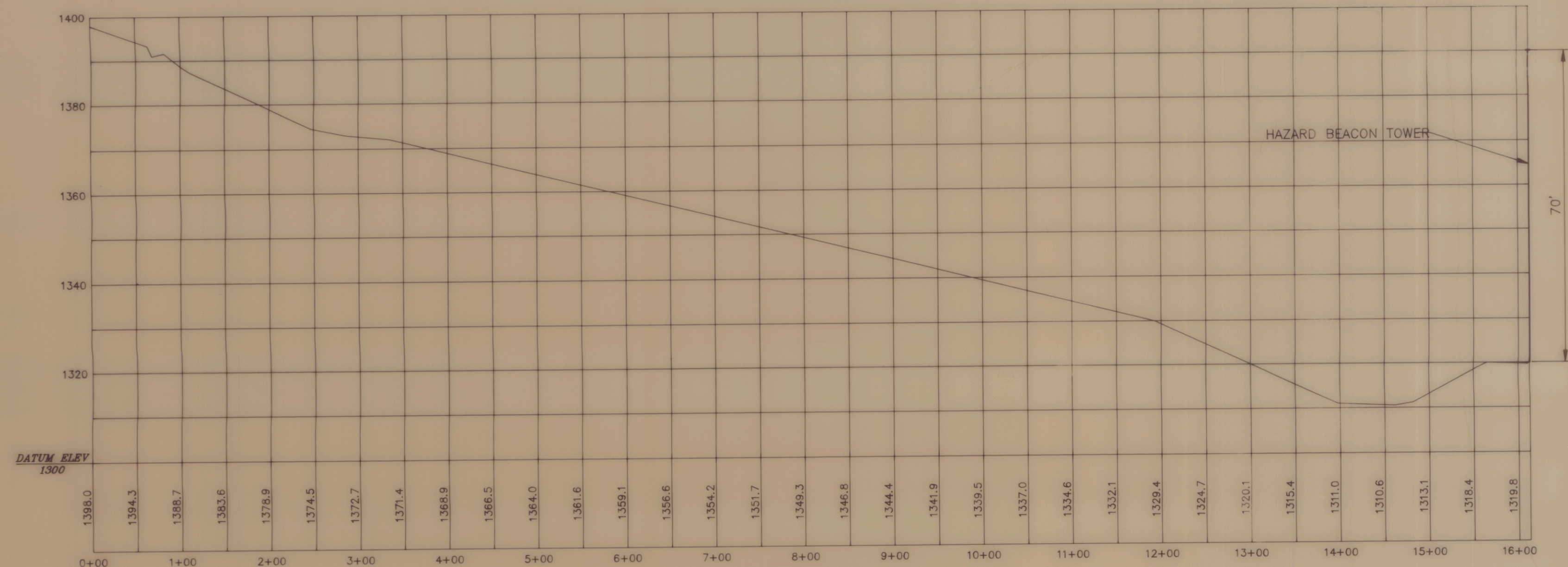
SHEET 12 OF 14

JOB NO. N12603

NO.	DATE	REVISION



PLAN
SCALE: 1" = 100'



PROFILE OF HAZARD BEACON 1

1" = 100' HORIZ.
1" = 20' VERT.

NO.	DATE	REVISION

PLAN AND PROFILE HAZARD BEACON 1
PLAN ROTATING BEACON

OF
CALEDONIA COUNTY STATE AIRPORT
PREPARED FOR
VERMONT AGENCY OF TRANSPORTATION

SCALE: 1" = 100' DATE: NOVEMBER 1994

DESIGNED BY: JAA
DRAWN BY: SJB
CHECKED BY: DAF
APPROVED BY: DAF

DuBois
& King
INC.

ROUTE 66 PROFESSIONAL PLAZA
RANDOLPH, VERMONT
(802) 728-3376

SHEET 13 OF 14

JOB NO. N12603