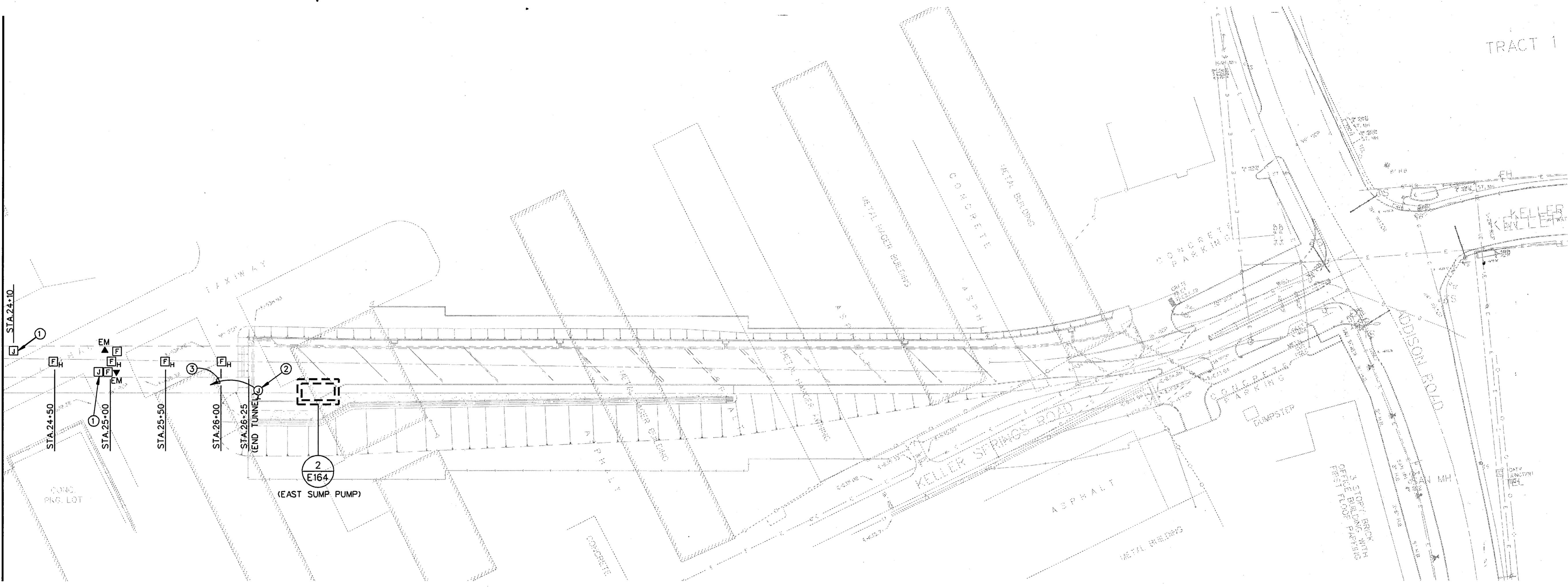


MATCH LINE STA. 24+00



1 POWER AND COMMUNICATION PLAN
 E159 SCALE: 1" = 50'

GENERAL NOTES:

- A. IN GENERAL, DEVICE SPACING BEGINS AT BOTH THE EAST AND WEST ENTRIES AND PROGRESSES TOWARDS THE TUNNEL MID-POINT; DEVICE LOCATIONS SHALL BE AS INDICATED. REFERENCE MECHANICAL DRAWINGS FOR STATION LOCATIONS OF MECHANICAL EQUIPMENT AND DEVICES.
- B. SEE DETAIL 2/E165, "TYPICAL TUNNEL CONDUIT SYSTEM DETAIL" FOR GENERAL CONDUIT ROUTING/CIRCUITING INFORMATION.
- C. FIRE ALARM SYSTEM DEVICES, EMERGENCY TELEPHONE SYSTEM DEVICES AND CARBON MONOXIDE (CO) SYSTEM DEVICES SHALL BE PROVIDED WITH APPROPRIATE JUNCTION-BOXES/BACK-BOXES AND CONDUIT AS REQUIRED.
- D. REFERENCE SHEET E161 FOR BRANCH CIRCUIT/FEEDER SCHEDULE AND MOTOR FEEDER SCHEDULE FOR RESPECTIVE DESIGNATIONS SHOWN ON THIS DRAWING.
- E. INFORMATION/LOCATION OF EXISTING UTILITIES ON RELATED APPURTENANCES PROVIDED IN THESE DRAWINGS HAVE BEEN TAKEN FROM DESIGN DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS (ABOVE AND BELOW GRADE) AND LOCATION OF ALL EXISTING APPURTENANCES PRIOR TO PRICING AND COMMENCEMENT OF WORK.
- F. CONTRACTOR SHALL ASCERTAIN LOCATION, DIMENSIONS AND ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION REQUIRED FOR INSTALLATION OF NEW SYSTEMS.
- G. CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY ELECTRICAL APPURTENANCES (JUNCTION AND PULL BOXES, ETC.) NECESSARY FOR PROPER INSTALLATION OF ELECTRICAL APPURTENANCES, CONDUITS AND EQUIPMENT.

DEVICE STATION MATRIX			
STATION DESIGNATION	DEVICE/DESIGNATION	QUANTITY AT THIS STATION	BRANCH CIRCUIT (WHERE APPLICABLE)
24+50	F _H	1	N/A
25+00	F	2	N/A
25+00	EM	2	N/A
25+00	F _H	1	N/A
25+50	F _H	1	N/A
26+00	F _H	1	N/A

KEY NOTES:

- ① CARBON MONOXIDE (CO) SENSOR/DETECTOR PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR; FURNISH AND INSTALL JUNCTION-BOX/BACK-BOX AND CONDUIT RACEWAY SYSTEM AS REQUIRED (STANDARD 4" J-BOXES INTERCONNECTED BY 1" CONDUIT WITH PULL-WIRE MINIMUM AND EXTENDED TO 'CO' PANEL LOCATED AT ELECTRICAL ROOM); SEE MECHANICAL DRAWINGS FOR FURTHER INFORMATION.
- ② IN GROUND PULL-BOX (BROOKS CAT#38) REFERENCE SHEET T130 FOR LOCATION.
- ③ 1/2" C. TO JUNCTION-BOX IN EAST ELECTRICAL NICHE 'E'.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY LEOPOLDO F. RIOS, P.E., 58272 ON SEPTEMBER 9, 1996

FINAL RECORD DRAWING
 Date: 12/25/99

No.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY ADDISON AIRPORT TUNNEL			
TUNNEL POWER AND COMMUNICATION PLANS			
HDR Engineering, Inc.			SECTION XIII
DRAWN: WTD	DATE: 12/05/96	DESIGNED: LR	DATE: 08/28/96
CHECKED: BL	DATE: 08/28/96	SCALE: 1" = 50'	
CONTRACT No. DNT-260 SHEET E159 OF 166			